

# **Natural Gas Annual 1996**

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# Preface

The *Natural Gas Annual* provides information on the supply and disposition of natural gas to a wide audience including industry, consumers, Federal and State agencies, and educational institutions. The 1996 data are presented in a sequence that follows natural gas (including supplemental supplies) from its production to its end use. This is followed by tables summarizing natural gas supply and disposition from 1992 to 1996 for each Census Division and each State. Annual historical data are shown at the national level.

The data in the *Natural Gas Annual 1996* are taken from surveys conducted by the Energy Information Administration (EIA), U.S. Department of Energy (DOE), to fulfill its responsibilities for gathering and reporting energy data. Two EIA surveys provide most of the information presented in this report—the mandatory Form EIA-176, “Annual Report of Natural and Supplemental Gas Supply and Disposition,” and the Form EIA-895, “Monthly Quantity and Value of Natural Gas Report.” Form EIA-176 was submitted by respondents out of an identified universe of operators of fields, wells, or natural gas processing plants who distribute gas to end users or transport gas to or across a State border; operators of synthetic natural gas plants; natural gas distributors; natural gas pipeline companies; and companies that operate underground natural gas storage facilities. Form EIA-895 was submitted by the appropriate agencies of the 33 natural gas producing States.

Data collected on Form EIA-176 are not proprietary. Selected company-level data are presented in the Demand section.

Other EIA surveys that provided information for this report are Forms EIA-816, “Monthly Natural Gas Liquids Report,” and EIA-64A, “Annual Report of the Origin of Natural Gas Liquids Production,” for gas processed, plant fuel, and extraction loss data; Form EIA-857, “Monthly Report of Natural Gas Purchases and Deliveries to Consumers,” for data on the city

gate prices; Forms EIA-759, “Monthly Power Plant Report,” and FERC-423, “Monthly Report of Cost and Quality of Fuels for Electric Plants,” for data on the quantity and price of natural gas consumed by electric utilities; and Office of Fossil Energy, “Natural Gas Imports and Exports ” for data on the quantity and price of natural gas imports and exports. The EIA report, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports* was the source of the reserves data.

Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The United States Geological Survey (USGS) and the United States Minerals Management Service (MMS) of the Department of the Interior were sources of supplemental information on production, the number of producing gas and gas-condensate wells, and wellhead values. The geographic coverage is the 50 States and the District of Columbia.

All volumes of natural gas in this publication are reported at 14.73 pounds per square inch absolute and 60 degrees Fahrenheit, except where noted. A glossary of terms is provided to assist users in understanding the data presented. A description of the data collection surveys appears in Appendix A. Appendix B describes metric and thermal conversion factors, Appendix C lists additional natural gas information sources, and Appendix D provides a list (and description) of the various natural gas publications/products and their location on the EIA Internet site.

The tables of data that appear in this report are available on personal computer diskettes and the Internet. See Appendix D for further details.

With the 1996 annual reporting cycle, the Energy Information Administration has changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops. Separate reports of the volumes affected are not available so the direct impact of this change is not known.

In comparing sectoral use over time, note that:

- there is an inherent shift in natural gas volumes from the commercial to industrial sectors due simply to changes in the reporting requirements. This break in series may indicate a spurious increase in industrial consumption with a corresponding decrease in the commercial sector;
- the sum of natural gas volumes consumed by the commercial and industrial sectors will not be changed by this modification in the instructions.



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# Overview

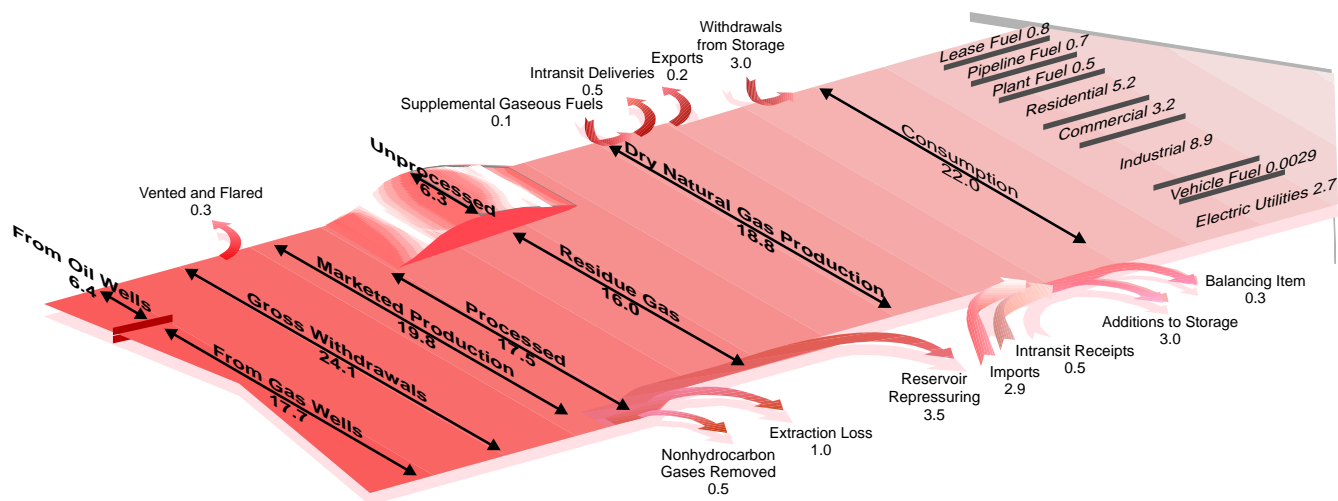
During 1996, the price of natural gas from the wellhead to the burner tip rebounded from the low levels seen in 1995. Despite these increases, the demand for gas remained strong. Consumption in 1996 reached 22 trillion cubic feet, only slightly below the record set in 1972. Production showed a slight increase over the previous year, less than 1 percent, and imports from Canada rose again. The way storage is managed by the industry continued to evolve with operators generally maintaining lower volumes in storage.

The price of gas at the wellhead climbed sharply, increasing by 40 percent from \$1.55 per thousand cubic feet in 1995 to \$2.17 in 1996. Other price increases varied greatly from sector to sector. Following the steep rise in price at the wellhead, prices at the city gate and for sales to the industrial and electric utility sectors also rose greatly. By contrast, prices paid for deliveries to the residential and

commercial sectors showed comparatively modest increases and were slightly lower than in 1994.

Marketed production of natural gas in 1996 was 244 billion cubic feet more than one year ago. A number of supply sources contributed to the greater gas production in 1996. Production from the entire Gulf of Mexico rose 3.2 percent over 1995 volumes. The Gulf of Mexico increase of 323 billion cubic feet together with notable increases in Arkansas and Colorado more than offset declines in onshore Louisiana, New Mexico, and Oklahoma. The trend for increasing gas production from the offshore Gulf of Mexico is expected to continue during the next few years. The extension of recovery opportunities into deep water has established the deep offshore as an area of considerable national significance.

**Figure 1. Natural Gas Flow Diagram, 1996**  
(Trillion Cubic Feet)



Notes: Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216, and the U.S. Minerals Management Service.

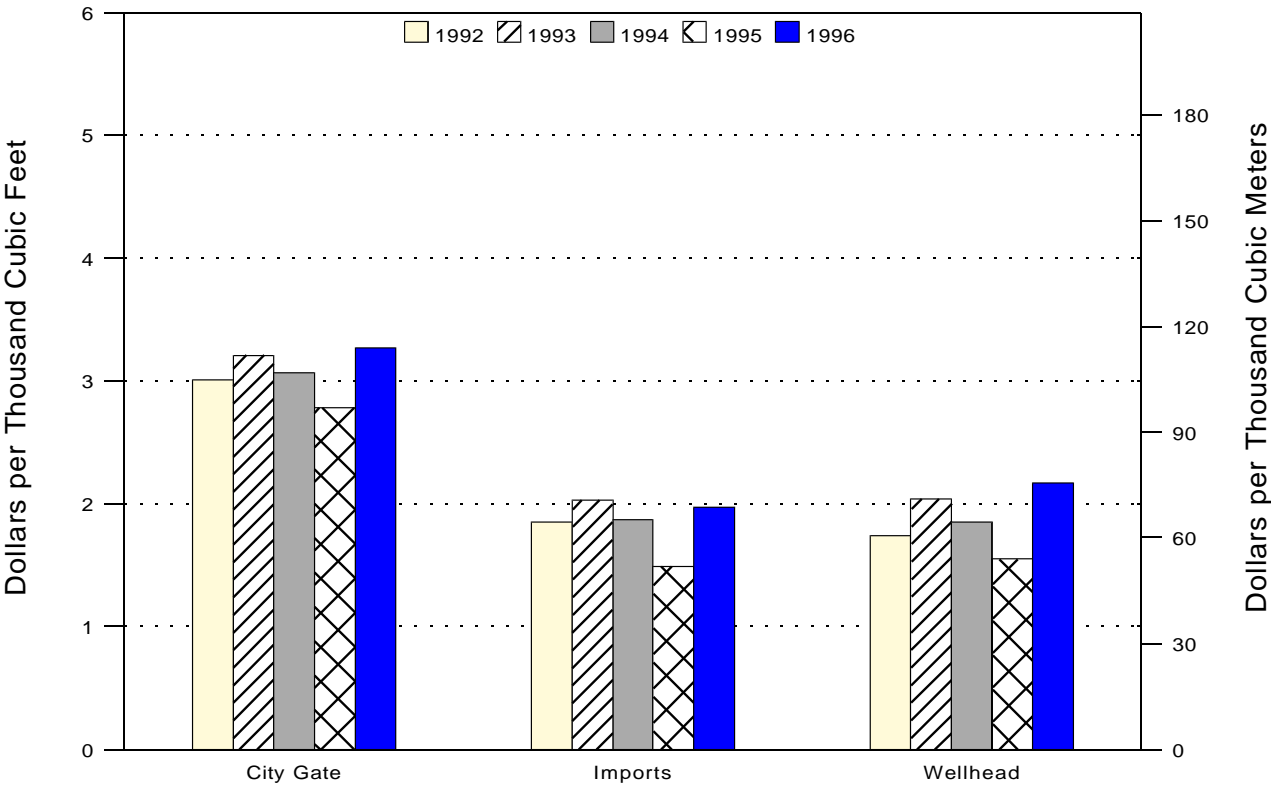
During 1996, net imports of natural gas rose for the 10th consecutive year, representing almost 13 percent of U.S. gas consumption. Exports remained at nearly the same level as one year ago. Canada continued its role as the major supplier of gas imported into the United States. However, the growth rate of U.S. imports of Canadian gas slowed as pipeline capacity utilization remained near its maximum level and capacity expansion grew only minimally. Mexico continued to become increasingly integrated into the North American natural gas market as cooperative projects among the North American nations proceeded. Spot purchases of liquefied natural gas (LNG) from the United Arab Emirates indicated that LNG transactions are becoming more flexible and responsive to changes in the world marketplace.

Changes in storage inventory management, which have been motivated by new technology and the increased competition resulting from regulatory reform, are leading operators to maintain lower storage volumes. Increased deliverability allows them to reduce stocks without sacrificing the ability to meet target levels of gas deliveries.

Working gas in storage on October 31, 1996, the beginning of the 1996-1997 heating season, were slightly below those available at the beginning of the previous heating season. During 1996, there were net storage additions of 2 billion cubic feet. By comparison, there were net withdrawals of 415 billion cubic feet in 1995.

Although electric utility consumption declined, deliveries to residential, commercial, and industrial consumers each set new records in 1996. In the residential and industrial sectors the prior record levels were attained in the early 1970's. Residential consumption was 5.2 trillion cubic feet, 8 percent higher than 1995 and 2 percent greater than the previous record in 1972. Nearly 1 million residential customers were added during 1996, about the same as the number added during 1995. Commercial consumption rose to 3.2 trillion cubic feet, 4 percent above the previous record level from one year ago. Industrial consumption was 8.9 trillion cubic feet, 3 percent above 1995 and 2 percent more than the previous record in 1973.

Figure 2. Selected Average Prices of Natural Gas in the United States, 1992-1996



Sources: Energy Information Administration (EIA), Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); and Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996).

**Table 1. Summary Statistics for Natural Gas in the United States, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	165,015	162,415	163,837	165,146	166,474
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	275,414	282,152	291,773	298,541	301,811
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	16,164,874	16,691,139	17,351,060	17,282,032	17,680,777
From Oil Wells.....	5,967,376	6,034,504	6,229,645	6,461,596	6,370,888
Total.....	22,132,249	22,725,642	23,580,706	23,743,628	24,051,665
Repressuring .....	-2,972,552	-3,103,014	-3,230,667	-3,565,023	-3,510,330
Nonhydrocarbon Gases Removed .....	-280,370	-413,971	-412,178	-388,392	-518,425
Wet After Lease Separation .....	18,879,327	19,208,657	19,937,861	19,790,213	20,022,909
Vented and Flared.....	-167,519	-226,743	-228,336	-283,739	-272,117
Marketed Production .....	18,711,808	18,981,915	19,709,525	19,506,474	19,750,793
Extraction Loss.....	-871,905	-886,455	-888,500	-907,795	-958,178
Total Dry Production.....	17,839,903	18,095,460	18,821,025	18,598,679	18,792,615
<b>Supply (million cubic feet)</b>					
Dry Production.....	17,839,903	18,095,460	18,821,025	18,598,679	18,792,615
Receipts at U.S. Borders					
Imports.....	2,137,504	2,350,115	2,623,839	2,841,048	2,937,413
Intransit Receipts.....	486,163	324,093	487,760	492,481	536,333
Withdrawals from Storage					
Underground Storage.....	2,723,774	2,717,064	2,508,151	2,974,102	2,911,327
LNG Storage.....	48,534	82,189	70,689	50,446	69,287
Supplemental Gas Supplies .....	117,919	118,999	110,826	110,290	109,455
Balancing Item.....	-507,565	-109,593	-415,579	-230,002	278,937
Total Supply.....	22,846,233	23,578,326	24,206,711	24,837,044	25,635,365
<b>Disposition (million cubic feet)</b>					
Consumption .....	19,544,364	20,279,095	20,707,717	21,580,665	21,966,991
Deliveries at U.S. Borders					
Exports .....	216,282	140,183	161,739	154,119	153,393
Intransit Deliveries .....	486,161	324,093	472,499	492,481	536,333
Additions to Storage					
Underground Storage.....	2,555,393	2,759,738	2,796,279	2,565,882	2,905,592
LNG Storage.....	44,033	75,217	68,478	43,897	73,057
Total Disposition.....	22,846,233	23,578,326	24,206,711	24,837,044	25,635,365
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	710,250	723,118	699,842	792,315	800,004
Pipeline Fuel.....	587,710	624,308	685,362	700,335	711,446
Plant Fuel .....	460,571	448,822	423,878	427,853	450,033
Delivered to Consumers					
Residential.....	4,690,065	4,956,445	4,847,702	4,850,318	5,241,414
Commercial .....	2,802,751	2,861,569	2,895,013	3,031,077	3,158,244
Industrial.....	7,526,898	7,981,433	8,167,033	8,579,585	8,870,422
Vehicle Fuel.....	511	960	1,741	2,674	2,932
Electric Utilities .....	2,765,608	2,682,440	2,987,146	3,196,507	2,732,496
Total Delivered to Consumers.....	17,785,833	18,482,847	18,898,635	19,660,161	20,005,508
Total Consumption .....	19,544,364	20,279,095	20,707,717	21,580,665	21,966,991
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	41,433	44,314	42,338	45,269	49,148
Commercial .....	471,009	460,097	599,058	706,139	706,667
Industrial.....	5,248,609	5,644,894	6,112,919	6,517,352	7,151,885
Electric Utilities .....	1,697,363	1,658,438	2,092,124	2,110,284	1,871,496

See footnotes at end of table.



**Table 1. Summary Statistics for Natural Gas in the United States, 1992-1996 (Continued)**

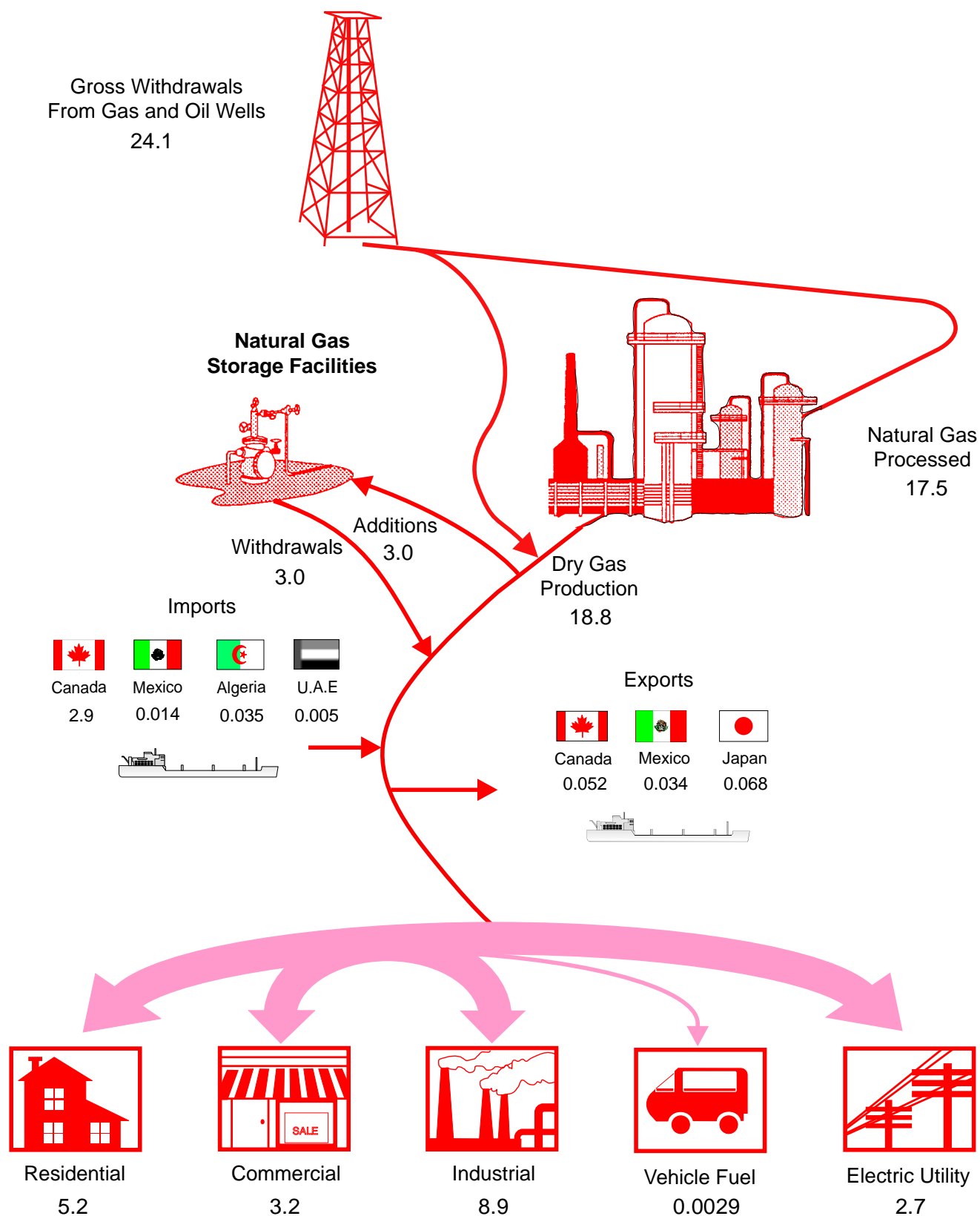
	1992	1993	1994	1995	1996
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	4,957,208	4,843,995	4,846,360	5,236,112
Commercial .....	NA	2,553,679	2,559,500	2,650,412	2,799,442
Industrial.....	NA	4,624,853	4,734,106	5,140,048	5,388,436
Electric Utilities .....	NA	1,522,061	1,580,745	1,758,945	1,506,864
Vehicle Fuel.....	NA	792	1,336	2,449	2,674
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	3,706	3,958	5,301
Commercial .....	NA	307,890	335,513	380,665	358,802
Industrial.....	NA	3,356,581	3,432,927	3,439,537	3,481,986
Electric Utilities .....	NA	922,962	1,210,453	1,147,860	989,185
Vehicle Fuel.....	NA	168	405	225	258
<b>Number of Consumers</b>					
Residential.....	52,331,397	52,535,411	53,392,557	54,322,179	55,263,673
Commercial .....	4,409,699	4,464,906	4,533,905	4,636,500	4,720,227
Industrial.....	209,616	209,666	202,940	209,398	206,049
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	90	94	91	89	95
Commercial .....	636	641	639	654	669
Industrial.....	35,908	38,067	40,244	40,973	43,050
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.74	2.04	1.85	1.55	2.17
Imports.....	1.85	2.03	1.87	1.49	1.97
Exports .....	2.25	2.59	2.50	2.39	2.97
Pipeline Fuel.....	2.07	1.97	1.70	1.49	2.27
City Gate.....	3.01	3.21	3.07	2.78	3.27
<b>Delivered to Consumers</b>					
Residential.....	5.89	6.16	6.41	6.06	6.34
Commercial .....	4.88	5.22	5.44	5.05	5.40
Industrial.....	2.84	3.07	3.05	2.71	3.42
Vehicle Fuel.....	4.05	4.27	4.11	3.98	4.34
Electric Utilities .....	2.36	2.61	2.28	2.02	2.69

NA = Not available.

Notes: Beginning in 1987, prices for gas delivered to consumers are calculated using only on-system sales data. No imputations are made for prices of gas delivered for the account of others. In previous years, prices were calculated using reported values and values imputed for gas delivered for the account of others. The United States includes the 50 states and the District of Columbia. Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Figure 3. Natural Gas Supply and Disposition in the United States, 1996**  
(Trillion Cubic Feet)



**Table 2. Natural Gas Production, Transmission, and Consumption by State, 1996**  
(Million Cubic Feet)

State	Marketed Production	Extraction Loss	Balancing Item <sup>a</sup>	Net Interstate Movements <sup>b</sup>	Net Move- ments Across U.S. Borders <sup>c</sup>	Net Storage Changes <sup>c</sup>	Supplemental Gas Supplies	Consumption
Alabama .....	530,841	5,361	-35,808	-163,227	0	921	18	325,542
Alaska .....	480,828	38,453	73,996	0	-67,648	0	0	448,722
Arizona .....	463	0	-19,994	143,286	-3,405	0	0	120,350
Arkansas .....	221,822	479	-24,500	73,669	0	-150	0	270,661
California .....	286,494	12,169	-65,819	1,547,503	0	-51,305	0	1,807,314
Colorado .....	572,071	23,362	-240,412	-6,713	0	1,004	6,787	307,367
Connecticut .....	0	0	-5,784	134,294	0	680	48	127,878
D.C. ....	0	0	4,190	29,693	0	0	0	33,883
Delaware .....	0	0	11,055	42,980	0	11	1	54,026
Florida .....	6,006	1,649	-1,041	483,052	0	0	0	486,367
Georgia .....	0	0	5,057	378,006	0	-189	94	383,346
Hawaii .....	0	0	-88	0	0	0	2,761	2,672
Idaho .....	0	0	-1,765	-773,368	842,114	-25	0	67,006
Illinois .....	298	64	21,534	1,108,583	0	14,820	3,912	1,119,443
Indiana .....	360	0	-53,249	624,743	0	1,567	3,194	573,480
Iowa .....	0	0	-16,204	291,899	0	3,207	301	272,789
Kansas .....	712,796	47,996	-3,039	-310,913	0	-12,118	0	362,965
Kentucky .....	81,435	2,385	87,501	77,379	0	7,530	45	236,445
Louisiana .....	5,240,747	139,841	95,441	-3,549,945	7,042	-11,003	0	1,664,447
Maine .....	0	0	-241	5,907	0	4	61	5,722
Maryland .....	135	0	-14,538	210,215	0	4,166	882	192,528
Massachusetts .....	0	0	-60,001	378,718	33,232	-5,364	426	357,740
Michigan .....	245,740	6,399	-33,618	1,376,700	-557,653	31,671	21,848	1,014,947
Minnesota .....	0	0	-16,814	-551,116	937,806	2,158	709	368,426
Mississippi .....	103,263	340	372,489	-193,358	0	12,758	0	269,296
Missouri .....	25	0	7,022	286,485	0	48	785	294,270
Montana .....	50,996	576	-14,139	-563,027	576,420	-11,725	0	61,399
Nebraska .....	1,876	0	145,095	-12,764	0	1,617	315	132,906
Nevada .....	11	0	10,688	112,550	0	72	0	123,178
New Hampshire .....	0	0	-2,638	21,548	0	0	147	19,057
New Jersey .....	0	0	17,919	580,023	0	1,814	6,778	602,907
New Mexico .....	1,554,087	108,341	-93,135	-1,136,212	0	-5,338	0	221,736
New York .....	18,131	0	76,323	396,182	652,578	13,958	1,259	1,130,516
North Carolina .....	0	0	-13,425	226,797	0	218	0	213,155
North Dakota .....	49,674	4,937	-2,037	-55,646	6,110	0	55,867	49,030
Ohio .....	119,251	85	-241,361	1,067,640	0	10,844	1,828	936,430
Oklahoma .....	1,734,887	100,379	-10,233	-1,080,240	0	-22,961	0	566,995
Oregon .....	1,439	0	-11,418	177,554	0	-1,029	2	168,605
Pennsylvania .....	135,000	603	-192,298	845,998	0	60,400	266	727,963
Rhode Island .....	0	0	-24,660	106,591	0	-753	42	82,725
South Carolina .....	0	0	12,094	137,366	0	65	178	149,572
South Dakota .....	1,329	0	-980	36,327	0	-143	87	36,905
Tennessee .....	1,690	0	-44,277	321,649	0	-1,175	73	280,311
Texas .....	6,449,022	398,442	365,508	-2,472,067	-16,573	-63,869	0	3,991,316
Utah .....	250,767	10,970	-121,524	29,144	0	-12,955	0	160,371
Vermont .....	0	0	-3,470	-7,937	18,736	0	5	7,333
Virginia .....	54,290	0	-22,638	206,750	0	17	716	239,100
Washington .....	0	0	-36,154	-82,608	355,260	-2,140	0	238,639
West Virginia .....	178,984	7,093	141,363	-122,393	0	35,844	0	155,017
Wisconsin .....	0	0	4,981	397,714	0	-60	21	402,777
Wyoming .....	666,036	48,254	253,985	-775,410	0	-5,056	0	101,413
<b>Total .....</b>	<b>19,750,793</b>	<b>958,178</b>	<b>278,937</b>	<b>0</b>	<b>2,784,020</b>	<b>-1,965</b>	<b>109,455</b>	<b>21,966,991</b>

<sup>a</sup> Balancing Item volumes are equal to Total Disposition (net storage changes plus extraction loss plus consumption) minus Total Supply (marketed production plus net interstate movements plus net movements across U.S. borders plus supplemental gas supplies).

<sup>b</sup> Positive numbers denote net receipts; negative numbers denote net deliveries.

<sup>c</sup> Negative numbers indicate withdrawals from storage in excess of additions to storage and are, therefore, additions to total supply.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; Form EIA-816, "Monthly Natural Gas Liquids Report"; and the U.S. Minerals Management Service.

# Supply

## Production

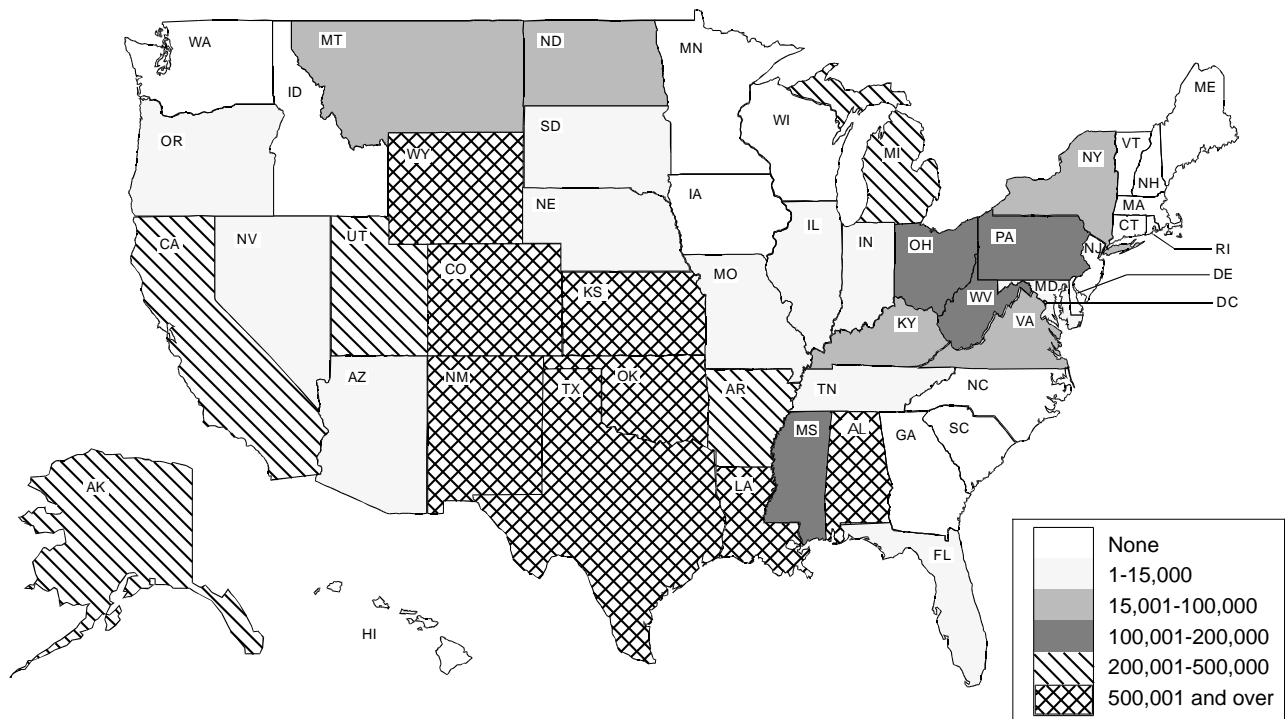
Gross withdrawals of natural gas reached 24.1 trillion cubic feet in 1996, 0.3 trillion cubic feet more than in 1995. Total marketed production of natural gas also increased. The 1996 level was 19.8 trillion cubic feet, 1 percent higher than one year ago. Marketed production is derived by subtracting quantities used for repressuring, vented and flared, and the removal of nonhydrocarbons from total gross withdrawals of natural gas. Louisiana, Texas, Oklahoma, and New Mexico remained as the leading producers of natural gas. During the past three years, these four States have supplied approximately three-quarters of domestic production, and this trend continued in 1996 as they produced 15 trillion cubic feet, 76 percent of marketed natural gas production. Texas led with 6.4 trillion cubic feet, followed by Louisiana with 5.2, Oklahoma with 1.7 trillion cubic feet, and New Mexico with 1.6 trillion cubic feet. The twenty-nine

remaining gas-producing States produced 4.8 trillion cubic feet.

A number of supply sources contributed to the greater gas production in 1996. Production from the entire Gulf of Mexico increased 3.2 percent over 1995 volumes. The Gulf of Mexico increase of 323 billion cubic feet together with notable increases in Arkansas and Colorado more than offset declines in onshore Louisiana, New Mexico, and Oklahoma. The total rise in U.S. marketed production was 244 billion cubic feet.

The trend for increasing gas production from the offshore Gulf of Mexico is expected to continue during the next few years in light of the list of projects under development or in planning. The Mensa project in 5,400 feet of water began production in 1997. This project is quite significant because it has the deep water record for production. These technical

**Figure 4. Marketed Production of Natural Gas in the United States, 1996**  
(Million Cubic Feet)



Sources: Illinois, New York, and West Virginia: Energy Information Administration (EIA), *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and EIA computations. All other data: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" and the United States Minerals Management Service.

accomplishments are impressive in themselves, and associated with each milestone is the expansion of future production opportunities as another technical barrier is overcome. The extension of recovery opportunities into deep water has established the deep offshore as an area of considerable national significance.

A second source of increased supply is gas from coalbed formations. Natural gas production from coalbed methane fields continued to grow in 1996 as projects initiated mainly in the early to mid 1990's matured through the dewatering phase into higher rates of gas production. Coalbed formations contribute almost 1 trillion cubic feet, roughly 5 percent, to total U.S. production. Continued production growth from coalbeds is not likely in light of the precipitous drop in new wells completed in coalbed formations since the termination of the production tax credit at the end of 1992. New well completions in coalbed formations averaged 244 in 1995 and 1996, compared with 1,325 from 1990 through 1992.

The strong industry performance in 1996 is expected to continue at least for the near term. In 1996, the number of producing gas wells and gas-condensate wells climbed to over 300,000 for the first time, reaching 301,811, a 1 percent increase over the 1995 level. The number of producing wells has increased each year since 1992. From 1995 to 1996, Alabama and Colorado showed substantial increases in the number of producing wells, 16 percent and 18 percent, respectively.

## Wellhead Prices

Average wellhead prices climbed sharply during 1996, rising to \$2.17 per thousand cubic feet, 40 percent over the

1995 level of \$1.55 per thousand cubic feet. Production was stimulated at least in part by this increase. The 1996 wellhead price was at its highest level since 1985 when it averaged \$2.51 per thousand cubic feet.

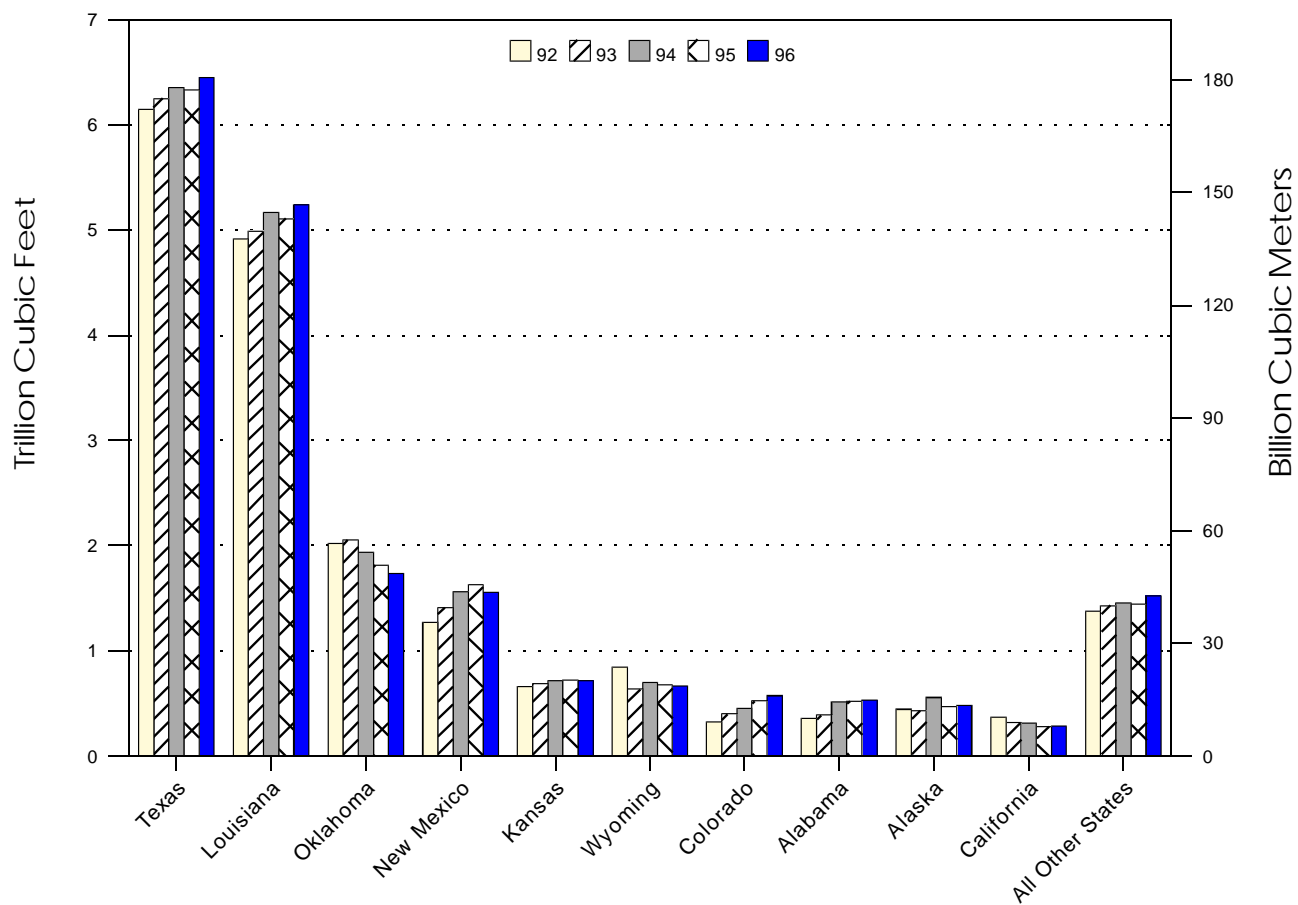
## Drilling

Exploration and development activities incrementally added to existing reserves of natural gas. The number of rotary rigs running and the number of well completions are indicators that in the past have been good guides to the level of exploration and development activity, and thus to subsequent reserves additions. In 1996, these indicators increased. Rotary rigs drilling for gas rose from 385 to 464, exceeding the number of rigs drilling for oil for the third year in a row. Total rigs running rose from 723 to 779.

Well completions for gas exceeded those for oil for the fourth year in a row. Exploratory gas well completions were up in 1996 from 835 to 943, while gas development well completions rose from 6,534 to 8,412. Total gas well completions were up from 7,369 to 9,355.

Overall well completions rose from 18,655 to 22,740. Of these 3,945 were exploratory wells and 18,795 were development wells. This reverses the downward trend in total completions which began after a 1990 drilling surge, caused by the legislative incentives for coalbed methane and tight gas drilling. The reversal has been driven by higher world oil prices and the increased focus of independent operators on the Federal Outer Continental Slope.

**Figure 5. Marketed Production of Natural Gas in Selected Sectors, 1992-1996**



Sources: Illinois, New York, Tennessee, and West Virginia, 1996: Energy Information Administration (EIA) computations. All other data: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and the United States Minerals Management Service.

**Table 3. Gross Withdrawals and Marketed Production of Natural Gas by State, 1992-1996**  
(Million Cubic Feet)

Year and State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
<b>1992 Total</b> .....	16,164,874	5,967,376	22,132,249	2,972,552	280,370	167,519	18,711,808
<b>1993 Total</b> .....	16,691,139	6,034,504	22,725,642	3,103,014	413,971	226,743	18,981,915
<b>1994 Total</b> .....	17,351,060	6,229,645	23,580,706	3,230,667	412,178	228,336	19,709,525
<b>1995 Total</b> .....	17,282,032	6,461,596	23,743,628	3,565,023	388,392	283,739	19,506,474
<b>1996 Total</b> .....	17,680,777	6,370,888	24,051,665	3,510,330	518,425	272,117	19,750,793
Alabama Total.....	570,907	11,394	582,301	22,601	27,006	1,853	530,841
Onshore .....	209,839	11,394	221,233	22,601	16,762	1,593	180,277
State Offshore.....	209,013	0	209,013	0	10,244	260	198,509
Federal Offshore...	152,055	0	152,055	0	0	0	152,055
Alaska Total.....	183,747	3,189,837	3,373,584	2,885,686	0	7,070	480,828
Onshore .....	64,751	3,182,782	3,247,533	2,885,686	0	5,942	355,905
State Offshore.....	118,996	7,055	126,051	0	0	1,128	124,922
Federal Offshore...	0	0	0	0	0	0	0
Arizona.....	417	47	464	0	0	0	463
Arkansas.....	182,895	41,551	224,446	2,354	0	270	221,822
California Total.....	86,431	313,581	400,011	111,317	932	1,268	286,494
Onshore .....	80,923	245,996	326,919	93,079	932	1,268	231,640
State Offshore.....	0	6,309	6,309	333	NA	NA	5,975
Federal Offshore...	5,508	61,276	66,784	17,905	NA	NA	48,879
Colorado.....	488,292	95,724	584,016	10,715	0	1,230	572,071
Florida.....	0	6,706	6,706	0	700	0	6,006
Illinois <sup>E</sup> .....	289	9	298	0	0	0	298
Indiana.....	360	0	360	NA	NA	NA	360
Kansas.....	629,755	85,876	715,631	2,120	NA	716	712,796
Kentucky.....	81,435	0	81,435	0	0	0	81,435
Louisiana Total.....	4,642,272	659,706	5,301,978	39,526	NA	21,705	5,240,747
Onshore .....	1,349,015	120,683	1,469,698	10,956	NA	21,705	1,437,037
State Offshore.....	173,114	19,414	192,527	1,435	NA	NA	191,092
Federal Offshore...	3,120,143	519,609	3,639,752	27,134	NA	NA	3,612,618
Maryland.....	135	0	135	0	0	0	135
Michigan.....	201,123	50,281	251,404	2,340	NA	3,324	245,740
Mississippi.....	117,412	6,210	123,622	9,366	8,316	2,677	103,263
Missouri.....	25	0	25	0	0	0	25
Montana.....	45,154	6,514	51,668	76	NA	596	50,996
Nebraska.....	1,328	548	1,876	0	0	0	1,876
Nevada.....	0	11	11	0	0	0	11
New Mexico.....	1,418,116	246,559	1,664,676	10,131	<sup>a</sup> 97,759	2,700	1,554,087
New York <sup>E</sup> .....	17,494	641	18,134	0	0	3	18,131
North Dakota.....	16,810	38,906	55,716	2,727	358	2,957	49,674
Ohio.....	119,251	0	119,251	NA	NA	NA	119,251
Oklahoma.....	1,467,695	267,192	1,734,887	NA	NA	NA	1,734,887
Oregon.....	1,743	0	1,743	39	265	0	1,439
Pennsylvania.....	135,000	0	135,000	NA	NA	NA	135,000
South Dakota.....	905	8,061	8,965	0	0	7,636	1,329
Tennessee.....	0	1,690	1,690	NA	NA	NA	1,690
Texas Total.....	5,823,804	1,182,798	7,006,602	273,301	238,897	45,382	6,449,022
Onshore .....	4,545,592	1,080,856	5,626,448	273,301	238,897	45,382	5,068,868
State Offshore.....	62,624	716	63,340	NA	NA	NA	63,340
Federal Offshore...	1,215,587	101,226	1,316,814	NA	NA	NA	1,316,814
Utah.....	233,594	47,614	281,208	3,165	NA	27,277	250,767
Virginia.....	54,290	0	54,290	0	0	0	54,290
West Virginia <sup>E</sup> .....	178,984	0	178,984	NA	NA	NA	178,984
Wyoming.....	981,115	109,434	1,090,549	134,867	144,194	145,452	666,036

<sup>a</sup> Nonhydrocarbon gases removed increased significantly in 1996 due to production increases in the Bravo Dome.

<sup>E</sup> = Estimated data.

NA = Not available.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Illinois, New York, Pennsylvania, and West Virginia, 1996: Energy Information Administration (EIA), *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and EIA computations. All other data: Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); and the United States Minerals Management Service.

**Table 4. Offshore Gross Withdrawals of Natural Gas by State, 1992-1996**  
(Million Cubic Feet)

Year and State	State			Federal			Total Offshore
	From Gas Wells	From Oil Wells	Total	From Gas Wells	From Oil Wells	Total	
<b>1992 Total</b> .....	415,486	136,809	552,294	4,258,686	513,058	4,771,744	5,324,039
Alabama .....	112,311	0	112,311	79,294	0	79,294	191,605
Alaska .....	110,067	106,311	216,377	0	0	0	216,377
California .....	0	7,242	7,242	13,947	41,284	55,231	62,473
Louisiana .....	116,470	21,631	138,101	2,867,842	436,493	3,304,336	3,442,437
Texas .....	76,638	1,625	78,263	1,297,602	35,281	1,332,883	1,411,147
<b>1993 Total</b> .....	470,487	136,948	607,435	4,215,015	550,850	4,765,865	5,373,300
Alabama .....	131,508	0	131,508	86,515	0	86,515	218,023
Alaska .....	127,834	105,363	233,198	0	0	0	233,198
California .....	0	6,484	6,484	10,618	41,532	52,150	58,635
Louisiana .....	133,261	23,750	157,011	2,883,761	467,340	3,351,101	3,508,112
Texas .....	77,883	1,350	79,234	1,234,121	41,978	1,276,099	1,355,333
<b>1994 Total</b> .....	550,079	154,390	704,469	4,373,962	622,235	4,996,197	5,700,666
Alabama .....	228,878	0	228,878	117,308	3,194	120,502	349,380
Alaska .....	99,801	124,501	224,301	0	0	0	224,301
California .....	0	7,204	7,204	11,064	42,497	53,561	60,765
Louisiana .....	137,823	21,690	159,513	2,995,676	518,305	3,513,981	3,673,494
Texas .....	83,577	996	84,573	1,249,914	58,240	1,308,154	1,392,727
<b>1995 Total</b> .....	460,659	28,917	489,576	4,288,219	653,870	4,942,089	5,431,665
Alabama .....	212,895	0	212,895	143,353	350	143,703	356,598
Alaska .....	105,867	7,684	113,552	0	0	0	113,552
California .....	0	5,904	5,904	7,874	46,916	54,790	60,694
Louisiana .....	79,515	14,528	94,044	2,937,666	522,437	3,460,103	3,554,147
Texas .....	62,381	801	63,181	1,199,326	84,167	1,283,493	1,346,674
<b>1996 Total</b> .....	563,746	33,493	597,239	4,493,294	682,111	5,175,405	5,772,644
Alabama .....	209,013	0	209,013	152,055	0	152,055	361,068
Alaska .....	118,996	7,055	126,051	0	0	0	126,051
California .....	0	6,309	6,309	5,508	61,276	66,784	73,092
Louisiana .....	173,114	19,414	192,527	3,120,143	519,609	3,639,752	3,832,280
Texas .....	62,624	716	63,340	1,215,587	101,226	1,316,814	1,380,154

Notes: For individual State and U.S. production, see Table 3. Totals may not equal sum of components due to independent rounding.  
Source: Appropriate State agencies responses to informal data requests and the United States Minerals Management Service.



**Table 5. Number of Producing Gas and Gas Condensate Wells by State as of December 31, 1992-1996**

State	1992	1993	1994	1995	1996
Alabama .....	3,350	3,514	3,565	3,526	4,105
Alaska .....	112	113	104	100	102
Arizona .....	6	6	6	7	7
Arkansas .....	3,500	3,500	3,500	3,988	4,020
California .....	1,126	1,092	1,261	997	978
Colorado .....	5,912	6,372	7,056	7,017	8,251
Illinois .....	382	385	390	372	370
Indiana .....	1,333	1,336	1,348	1,347	1,367
Kansas .....	18,400	19,472	19,365	22,020	21,388
Kentucky .....	12,483	12,836	13,036	13,311	13,501
Louisiana .....	13,512	15,569	12,958	14,169	15,295
Maryland .....	9	7	7	7	8
Michigan .....	3,257	5,500	6,000	5,258	5,826
Mississippi .....	507	620	583	535	568
Missouri .....	5	8	12	15	24
Montana .....	2,890	3,075	2,940	2,918	2,990
Nebraska .....	22	59	87	87	88
Nevada .....	0	0	0	0	5
New Mexico .....	18,040	20,846	23,292	23,510	24,134
New York .....	5,906	5,757	5,884	6,134	6,208
North Dakota .....	104	101	104	99	108
Ohio .....	34,784	34,782	34,731	34,520	34,380
Oklahoma .....	28,902	29,118	29,121	29,733	29,733
Oregon .....	16	18	19	17	18
Pennsylvania .....	31,000	31,100	31,150	31,025	31,792
South Dakota .....	38	47	55	56	61
Texas .....	46,298	47,101	48,654	54,635	53,816
Utah .....	1,006	1,061	1,303	1,127	1,339
Virginia .....	1,153	1,426	1,470	1,671	1,671
West Virginia .....	38,250	33,716	39,830	36,144	35,148
Wyoming .....	3,111	3,615	3,942	4,196	4,510
<b>Total .....</b>	<b>275,414</b>	<b>282,152</b>	<b>291,773</b>	<b>298,541</b>	<b>301,811</b>

Note: Totals may not equal sum of components due to independent rounding.  
Sources: Energy Information Administration (EIA), Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); the United States Minerals Management Services (MMS), and *World Oil* Magazine.

**Table 6. Estimated Total Dry Natural Gas Proved Reserves by State, 1992-1996**  
(Billion Cubic Feet)

State	1992	1993	1994	1995	1996
Alabama .....	5,802	5,140	4,830	4,868	5,033
Alaska .....	9,638	9,907	9,733	9,497	9,294
Arkansas .....	1,750	1,552	1,607	1,563	1,470
California .....	2,778	2,682	2,402	2,243	2,082
Colorado .....	6,198	6,722	6,753	7,256	7,710
Florida .....	47	50	98	92	96
Kansas .....	9,681	9,348	9,156	8,571	7,694
Kentucky .....	1,084	1,003	969	1,044	983
Louisiana .....	9,780	9,174	9,748	9,274	9,543
Michigan .....	1,223	1,160	1,323	1,294	2,061
Mississippi .....	869	797	650	663	631
Montana .....	859	673	717	782	796
New Mexico .....	18,998	18,619	17,228	17,491	16,485
New York .....	329	264	242	197	232
North Dakota .....	496	525	507	463	462
Ohio .....	1,161	1,104	1,094	1,054	1,113
Oklahoma .....	13,926	13,289	13,487	13,438	13,074
Pennsylvania .....	1,528	1,717	1,800	1,482	1,696
Texas .....	35,093	34,718	35,974	36,542	38,270
Utah .....	1,830	2,040	1,789	1,580	1,633
Virginia .....	904	1,322	1,833	1,836	1,930
West Virginia .....	2,356	2,439	2,565	2,499	2,703
Wyoming .....	10,826	10,933	10,879	12,166	12,320
Federal Offshore .....	27,767	27,143	28,388	29,182	29,096
Other States <sup>a</sup> .....	92	94	65	69	67
<b>Total .....</b>	<b>165,015</b>	<b>162,415</b>	<b>163,837</b>	<b>165,146</b>	<b>166,474</b>

<sup>a</sup> Includes Arizona, Illinois, Indiana, Maryland, Missouri, Nebraska, Nevada, Oregon, South Dakota, and Tennessee.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA), *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216.

**Table 7. Wellhead Value and Marketed Production of Natural Gas by State, 1992-1996**

Year and State	Reported Wellhead Value		Average Wellhead Price (dollars per thousand cubic feet)	Marketed Production (million cubic feet)	Imputed Wellhead Value of Marketed Production <sup>b</sup> (thousand dollars)
	Volume <sup>a</sup> (million cubic feet)	Value (thousand dollars)			
<b>1992 Total</b> .....	15,852,090	—	1.74	18,711,808	32,570,827
<b>1993 Total</b> .....	15,341,514	—	2.04	18,981,915	38,810,612
<b>1994 Total</b> .....	15,513,667	—	1.85	19,709,525	36,535,940
<b>1995 Total</b> .....	15,557,464	—	1.55	19,506,474	30,285,862
<b>1996 Total</b> .....	14,822,258	—	2.17	19,750,793	42,818,138
Alabama.....	493,069	1,291,043	2.62	530,841	1,389,944
Alaska.....	193,278	310,495	1.61	480,828	772,435
Arizona.....	405	668	1.65	463	765
Arkansas <sup>c</sup> .....	76,671	292,637	3.82	221,822	846,649
California.....	37,823	68,842	1.82	286,494	521,448
Colorado <sup>c</sup> .....	559,473	765,819	1.37	572,071	783,063
Florida.....	NA	NA	—	6,006	0
Illinois.....	NA	NA	—	298	0
Indiana.....	360	827	2.30	360	827
Kansas.....	712,796	1,366,444	1.92	712,796	1,366,444
Kentucky.....	81,435	207,310	2.55	81,435	207,310
Louisiana.....	3,976,305	9,252,276	2.33	5,240,747	12,194,432
Maryland.....	NA	NA	—	135	0
Michigan.....	245,740	544,020	2.21	245,740	544,019
Mississippi.....	88,805	147,725	1.66	103,263	171,775
Missouri.....	25	39	1.56	25	39
Montana.....	46,868	66,261	1.41	50,996	72,097
Nebraska.....	1,332	1,901	1.43	1,876	2,678
Nevada <sup>d</sup> .....	0	0	—	11	0
New Mexico.....	1,553,103	2,587,338	1.67	1,554,087	2,588,984
New York.....	NA	NA	—	18,131	0
North Dakota.....	NA	NA	—	49,674	0
Ohio.....	119,251	313,631	2.63	119,251	313,631
Oklahoma.....	1,751,487	3,876,308	2.21	1,734,887	3,839,565
Oregon.....	1,439	3,254	2.26	1,439	3,254
Pennsylvania.....	NA	NA	—	135,000	0
South Dakota.....	NA	NA	—	1,329	0
Tennessee.....	1,690	4,300	2.54	1,690	4,300
Texas.....	4,684,140	10,726,706	2.29	6,449,022	14,768,324
Utah.....	168,944	234,047	1.39	250,767	347,402
Virginia.....	NA	NA	—	54,290	0
West Virginia.....	NA	NA	—	178,984	0
Wyoming.....	27,821	71,632	2.57	666,036	1,714,837

<sup>a</sup> Quantity of production associated with reported wellhead value. A number of States reported values associated with quantities other than marketed production.

<sup>b</sup> Average wellhead price times marketed production does not equal imputed value of marketed production due to independent rounding.

<sup>c</sup> Quantity and value data obtained from Energy Information Administration Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

<sup>d</sup> All of Nevada's marketed production was consumed as lease fuel.

NA = Not available.

— = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Illinois and Pennsylvania, 1996: EIA Computations. All other data: Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); and the United States Minerals Management Service.

**Table 8. Natural Gas Processed, Liquids Extracted, and Estimated Extraction Loss by State, 1996**

Plant Location	Natural Gas Processed (million cubic feet)	Total Liquids Extracted (thousand barrels)	Extraction Loss	
			Volume (million cubic feet)	Estimated Heat Content (billion Btu)
Alabama .....	112,868	4,009	5,361	16,890
Alaska .....	2,987,364	33,346	38,453	148,444
Arkansas .....	219,477	383	479	1,589
California .....	240,566	9,798	12,169	41,037
Colorado .....	493,963	16,735	23,362	62,801
Florida .....	8,514	1,630	1,649	6,061
Illinois .....	578	63	64	271
Kansas .....	970,163	35,285	47,996	138,582
Kentucky .....	46,015	1,692	2,385	6,640
Louisiana .....	4,652,677	101,716	139,841	385,513
Michigan .....	117,119	4,810	6,399	18,933
Mississippi .....	4,521	254	340	1,092
Montana .....	10,141	431	576	1,808
New Mexico .....	1,129,598	75,476	108,341	275,468
North Dakota .....	47,942	3,860	4,937	16,156
Ohio .....	2,477	64	85	269
Oklahoma .....	1,054,123	70,165	100,379	257,103
Pennsylvania .....	10,341	458	603	1,888
Texas .....	4,180,062	279,650	398,442	1,035,573
Utah .....	265,546	9,547	10,970	36,543
West Virginia .....	70,709	4,849	7,093	17,893
Wyoming .....	845,253	35,093	48,254	136,930
<b>Total .....</b>	<b>17,470,017</b>	<b>689,314</b>	<b>958,178</b>	<b>2,607,484</b>

Note: Totals may not equal sum of components due to independent rounding.

Sources: Natural Gas Processed, Total Liquids Extracted, and Extraction Loss Volume: Energy Information Administration (EIA), Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." Estimated Heat Content of Extraction Loss: Estimated, assuming the makeup to total liquids production as reported on Form EIA-64A for each State was proportional to the components and products ultimately separated in the States as reported on the 12 monthly reports on Energy Information Administration, Form EIA-816, "Monthly Natural Gas Liquids Report," and applying the following conversion factors to the individual component and product production estimates (million Btu extraction loss per barrel of liquid produced): ethane, 3.082; propane, 3.836; normal butane, 4.326; isobutane, 3.974; pentanes plus, 4.620.

# Transmission

A complex network of interconnected pipelines provides for the transmission and ultimate delivery of natural gas to customers in each of the lower 48 States. Flows of natural gas are primarily from the producing areas in Texas, Louisiana, Oklahoma, and offshore areas of the Gulf of Mexico toward the northeast and midwest. Imports, primarily from Canada, continue to make a significant contribution to the total gas consumption in the United States.

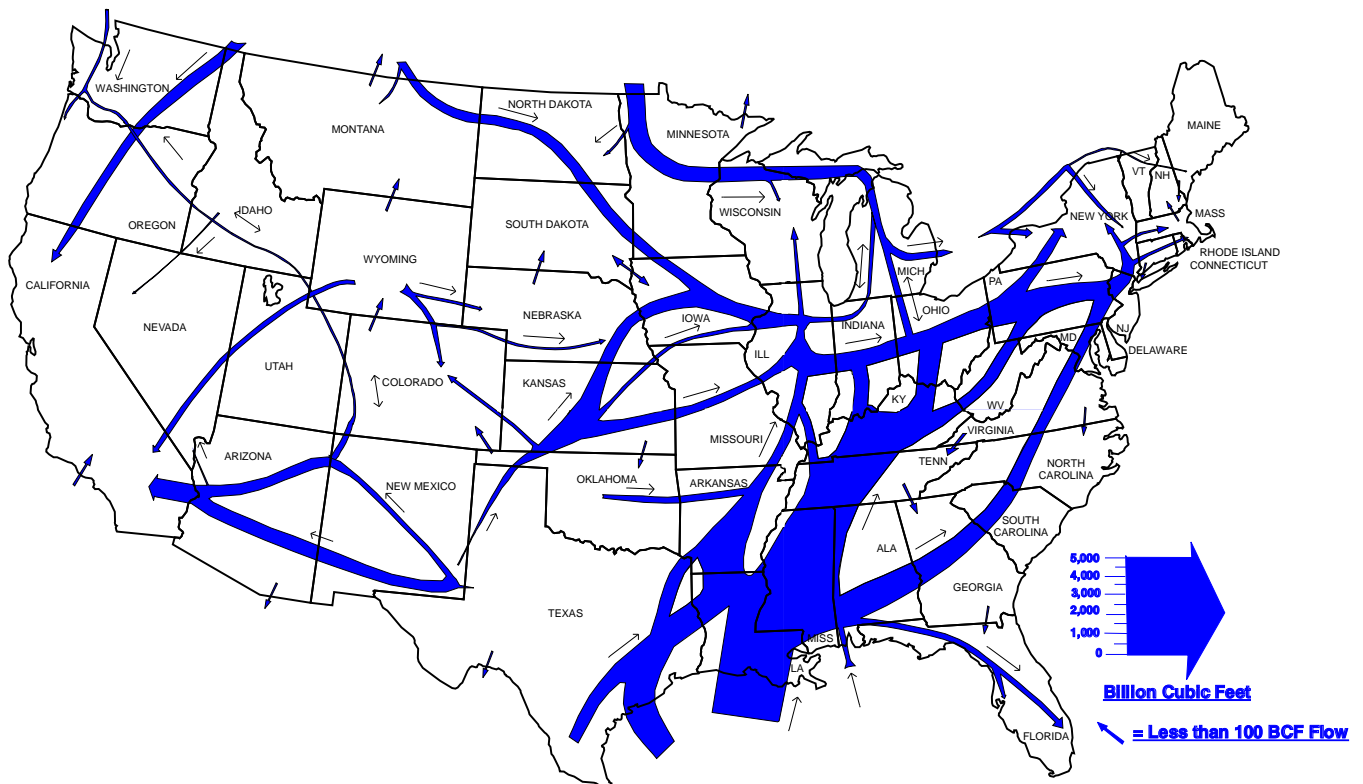
Expansion of the interstate pipeline system in 1996 added to existing capacity and increased deliverability to market centers. Further expansions projected through the turn of the century will add capacity for importing Canadian gas and improve access to deep-water production areas in the Gulf. Increased storage capacity, particularly facilities with high deliverability, and interconnections with the interstate pipeline system provide greater system flexibility for more efficient delivery of natural gas to the marketplace.

The volume of gas flowing from producing areas in New Mexico westward toward markets in California generally declined. The lower annual transmission volumes reflect decreased consumption of natural gas in the generation of electricity in California. California, which is second in the Nation for use of natural gas for generation of electricity in the United States reported a 20 percent decrease in consumption in that sector.

Flows from producing areas in Texas and Louisiana through Mississippi, Tennessee, and Kentucky to consumers in the Great Lakes area increased. These increased flows were required to meet increased demand, particularly for residential consumers in Illinois, Indiana, Michigan, and Ohio.

From the Great Lakes area eastward to consumers in Pennsylvania, New York, New Jersey, and Massachusetts, interstate flows were generally lower than in 1995. These

**Figure 6. Principal Interstate Natural Gas Flow Summary, 1996**



decreases were related to decreases in electric utility consumption in each State and by decreased industrial consumption in each of the States except New York. However, all of the States reported significantly increased residential and commercial consumption. In general, increased interstate movements up the eastern seaboard States helped to meet the overall increased total demand in the middle Atlantic and New England areas.

## **Imports and Exports**

In 1996, net imports of natural gas rose for the 10th consecutive year, representing almost 13 percent of U.S. gas consumption. Exports remained at nearly the same level as one year ago. Canada continued its role as the major supplier of gas imported into the United States. However, the growth rate of U.S. imports of Canadian gas slowed as pipeline capacity utilization remained near its maximum level and capacity expansion grew only minimally. Mexico continued to become increasingly integrated into the North American natural gas market as cooperative projects among the North American nations proceeded. Spot purchases of liquefied natural gas (LNG) from the United Arab Emirates indicated that LNG transactions are becoming more flexible and responsive to changes in the world marketplace.

### ***Trade With Canada***

Pipeline imports from Canada continued to climb to a new record level of 2,883 billion cubic feet. However, the growth rate slowed to 2.4 percent in contrast to an average annual growth rate of 12 percent during the previous 9 years. The capacity of the pipelines that bring the gas across the border constrained the growth rate. Although a substantial increase in Canadian export capacity has taken place during the past 5 years, thus enabling the high growth rates experienced, current capacity is almost completely utilized.

The average price of natural gas imports from Canada rebounded to \$1.96 per thousand cubic feet, a 32 percent increase over last year's 20-year record low of \$1.48 per thousand cubic feet. This is the second-highest average price since 1986 after the \$2.02 average price of 1993. The substantial increase in Canadian import prices follows the trend in the U.S. wellhead prices, which rose 40 percent from 1995 to 1996. (The 1995 and 1996 wellhead prices per thousand cubic feet were \$1.55 and \$2.17, respectively.)

Natural gas exports to Canada climbed sharply to 52 billion cubic feet, an 88-percent increase over 1995 levels, but represented a return to 1994 levels. The average price of these exports was \$2.67 per thousand cubic feet, a 36-percent increase over the 1995 price. Despite the low prices for U.S. gas exports in 1995, Canadian gas was still more competitively priced. By 1996, the price of U.S. gas exports was closer to the Canadian price, which may have contributed to the increase in exports from the United States into Canada. Exports to Canada represented 34 percent of total U.S. natural gas exports during 1996.

### ***Trade With Mexico***

Exports of natural gas to Mexico fell sharply in 1996 to 33.8 billion cubic feet, the lowest level since 1990 and 45 percent less than the 1995 level. The price of exports to Mexico rebounded to \$2.11 per thousand cubic feet, up 41 percent from 1995 and the highest price since 1989. The United States imported 13.9 billion cubic feet of natural gas from Mexico in 1996, more than double the amount imported during 1995. From 1984 through November 1993, the United States did not import gas from Mexico. Trade resumed in December 1993, and in each year since that time imports from Mexico have represented less than 1 percent of total U.S. natural gas imports. The evolving bilateral trade between the United States and Mexico is expected to continue. Crossborder trade reflects the circumstances of gas demand in various locations and the proximity of available infrastructure or gas supplies on either side of the border.

### ***Liquefied Natural Gas***

During 1996, the United States imported liquefied natural gas (LNG) from Algeria and the United Arab Emirates (Abu Dhabi) into Massachusetts and Louisiana and exported LNG from Alaska to Japan. LNG imports represented 1 percent of total imports, while LNG exports were 44 percent of total exports. Liquefaction makes overseas transportation possible. A 600-to-1 volume reduction is achieved by lowering the temperature of natural gas to approximately minus 260 degrees Fahrenheit.

LNG imports from Algeria rose to 35.3 billion cubic feet in 1996, nearly double the 1995 level. This dramatic increase was primarily the result of the end of curtailments, which began in August 1994. Sonatrach, the state-owned oil and gas company in Algeria, curtailed exports because of a major renovation project on that nation's liquefaction

plants. Those renovations have progressed so that the original capacities of its liquefaction plants have been restored. LNG shipments from Algeria into the United States may also rise as a result of the beginning of operations (in November 1996) on the Gazoduc Maghreb-Europe pipeline. This pipeline provides an alternative way to deliver natural gas to Spain, which has been Algeria's second-largest (France is the largest) LNG customer. The result of using this pipeline for shipments to Spain would be that more LNG export capacity from Algeria will become available.

For the first time since 1986 when LNG was imported from Indonesia, and for only the second time since LNG imports commenced, spot purchases of LNG were received from sources other than Algeria. LNG was imported into Everett, Massachusetts from the United Arab Emirates in September and December of 1996; these shipments totaled just under 5 billion cubic feet. These spot purchases indicate that LNG transactions are becoming more flexible and responsive to changes in the world marketplace. (The Special Focus article, "Worldwide Natural Gas Supply and Demand and the Outlook for Global LNG Trade," which appears in the July 1997 issue of the *Natural Gas Monthly*, discusses the potential of LNG trading across the world.)

Another factor influencing the increase in LNG imports was the significant rise in the prices of U.S. natural gas supplies. This enabled the historically higher-priced LNG to compete more successfully in the northeastern markets. The price of LNG imports from Algeria rose 17 percent to \$2.70 per thousand cubic feet. The price for the shipments from the United Arab Emirates averaged \$3.46 per thousand cubic feet, bringing the average LNG import price to \$2.80 per thousand cubic feet.

LNG exports from Alaska to Japan rose 4 percent from 1995 to 1996 to a record 67.6 billion cubic feet. The price for these exports increased 7 percent from the previous year to \$3.65 per thousand cubic feet. Total LNG exports to Japan are nearing the maximum level of volumes authorized by the U.S. Department of Energy, Office of Fossil Energy.

At present, there are two LNG import facilities in the United States that are not receiving LNG shipments. The Cove Point LNG facility in southern Maryland continues to be used to liquefy and store gas for later regasification during peak demand periods. For the present, the facility uses domestic gas, but in the long term it expects to be a receiving terminal for LNG tankers. The Elba Island LNG facility in Georgia is not scheduled for operation through 2000.

## Storage

The ability of the natural gas industry to store natural gas ensures supply reliability during periods of high demand. It

also enables greater system efficiency by allowing for more level production and transmission flows. Historically, the industry built up the storage supplies during periods of lower consumer demand, and withdrew from the storage inventory during periods of high demand. That pattern of injections into and withdrawals from storage continues, but the concept of what constitutes sufficient storage levels has changed. The change has resulted in lower storage levels which in turn reflect changes in the natural gas industry. These changes include the way natural gas storage is managed, technological changes in storage facilities, and the development of a more integrated transportation network.

A significant change in storage facilities has been the development of high deliverability storage, particularly salt cavern facilities. Salt cavern storage facilities usually have considerably less capacity than traditional storage sites in depleted gas and oil fields, but they can be recycled quickly and can convert from injections to withdrawals in only a few hours. This provides greater flexibility in meeting today's market demands. Flexibility has also been enhanced by the increase in the number of interconnections among pipelines within the natural gas transportation network. This has expanded the industry's ability to deliver gas. These changes in storage and transportation have succeeded in meeting high demand in the winter months without the high inventory levels of the past.

Annual 1996 totals reported by underground storage operators were 2,906 billion cubic feet of injections and 2,911 billion cubic feet of withdrawals. LNG storage operators reported additions of 73 billion cubic feet and withdrawals of 69 billion cubic feet for the year. Overall, the year-end net change in storage was 2 billion cubic feet of withdrawals. The net change in storage has fluctuated in recent years ranging from a net withdrawal of 415 billion cubic feet in 1995 to a net injection of 286 billion cubic feet in 1994.

During 1996, two additional underground storage facilities were put into operation in Oklahoma. New York, Louisiana, and Texas each added one new storage facility. Utah and Arkansas each reported discontinuation of operations in one underground storage field.

The 1995-96 heating season ended with a historically low 755 billion cubic feet of working gas in storage, 43 percent less than the ending inventory of the previous heating season. At the end of October 1996, the starting inventory for the 1996-97 heating season was only 2,800 billion cubic feet, a 7 percent drop from the previous year. However, due to a warmer than normal heating season, working gas levels at the end of March 1997 are estimated to be 985 billion cubic feet, 23 percent higher than the previous year.

## Pipeline Expansions

During 1996, the United States completed 26 pipeline expansion projects. These expansion projects either added capacity directly to the interstate network, improved local intrastate service, or expanded access to producing fields or natural gas market centers. Interregional transmission saw capacity increase by 687 million cubic feet per day. While the total number of completed projects was 26 during 1996, slightly more than in 1995, the total amount of pipeline capacity added, 2,548 million cubic feet per day, was well below the previous year's 3,450 million cubic feet per day, reflecting the smaller size of the 1996 projects.

Some of the highlights of 1996 for U.S. pipeline expansions were:

- Completion of the lower section of the TransColorado pipeline system. The southern 25-mile section of this proposed 266-mile pipeline system is now capable of moving 120 million cubic feet per day from the Ignacio area of the southern Colorado San Juan Basin to the Blanco hub in northern New Mexico. The northern section of this system is expected to be completed in late 1998.
- Completion of Transwestern Pipeline Company's San Juan Basin expansion. The finish of this project has expanded capacity on the New Mexico side of the basin, thus relieving a bottleneck that has hindered the flow of production out of the area for several years. It has also improved producer access to customers located in the eastern and midwestern markets of the United States. During 1996, Transwestern also acquired the pipeline assets of Northwest Pipeline Company located between the Ignacio area of the San Juan Basin and the Blanco hub (which is operated by Transwestern). A consequence of this acquisition has been a greater integration of gathering and processing capabilities in the area and the elimination of some flow bottlenecks and production constraints.
- Completion of the MidCon/TransTexas Pipeline from the North Bob West production field in south Texas to interconnections with the interstate system and market centers in the Katy area of east Texas. The completion of this intrastate pipeline project (275 million cubic feet per day) links the largest new production area ever developed in south Texas and provides local producers access to the interstate marketplace for the disposition of their production. Production from, and linkages with, the Bob West field also figure predominantly in the proposed development of several export pipelines to Mexico over the next several years.
- Completion of two projects in the Midwest Region to add export capacity to Canada. These projects were: ANR Pipeline Company's "LINK" project (150 million cubic feet per day) and Great Lakes Gas Transmission Company's St. Clair Import Point Looping (50 million cubic feet per day). The LINK project supplies gas to a local Canadian distribution company, Niagara Gas Transmission Ltd. Of Ontario, while the St. Clair project provides increased supply security and backup at the existing export point. Both projects improve the free flow of North American gas supplies and access to markets. A slight increase in capacity into the United States from Canada (20 million cubic feet per day) occurred with the completion of Viking Gas Transmission Company's Northern Looping project from Manitoba, Canada to Minnesota.
- Completion of several multi-year projects. Northern Natural Gas Company's Iowa-Illinois expansion (107 million cubic feet per day) was finished in the latter part of the year, adding 35 million cubic feet per day in its final phase. Transcontinental Gas Pipeline Company completed the final phase of its Southeastern project covering a mainline capacity increase of 55 million cubic feet per day along its system between Alabama and North Carolina. Texas Eastern Transmission Corporation finalized its Flex-X and ITP with the completion of two local projects in Pennsylvania and added capacity on its line between Ohio and New Jersey.

While the past several years have been a comparatively slow period for pipeline expansions, between now and the turn of the century a great deal of new pipeline capability is proposed for development throughout North America. Much of the proposed new pipeline construction can be grouped into several major focus areas. The most extensive development is focused on expanding the deliverability of Canadian gas to the U.S. Midwest and Northeast and to Canadian markets. Four new pipelines and several expansions are planned, which not only would improve access to natural gas supplies in western Canada but also to production from the developing Sable Island field in eastern Canada. The second largest focus is on improving access to the increasing deep-water production in the Gulf of Mexico. Next are those projects whose objectives are to increase the flow of lower-cost supplies located in the Central United States to markets located primarily in the Midwest. Currently, the capability to do so is limited. The latter series of expansions will be competing, to some degree, with the projects slated to increase flows of western Canadian gas to the Midwest marketplace.



**Table 9. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1996**  
(Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
Alabama	Florida.....	33	469,021	-468,988
	Georgia.....	0	1,502,968	-1,502,968
	Kentucky.....	0	<sup>b1</sup>	-1
	Louisiana.....	0	<sup>b2</sup>	-2
	Mississippi.....	3,231,525	0	3,231,525
	Missouri.....	0	<sup>b2</sup>	-2
	South Carolina.....	0	<sup>b16</sup>	-16
	Tennessee.....	368	1,423,143	-1,422,774
	<b>Total</b> .....	3,231,927	3,395,153	-163,227
Alaska	Japan.....	0	<sup>c</sup> 67,648	-67,648
	<b>Total</b> .....	0	67,648	-67,648
Arizona	California.....	0	700,796	-700,796
	Mexico.....	0	3,405	-3,405
	Nevada.....	0	39,836	-39,836
	New Mexico.....	883,918	0	883,918
	<b>Total</b> .....	883,918	744,037	139,881
Arkansas	Louisiana.....	1,909,654	197,630	1,712,023
	Mississippi.....	0	1,872,576	-1,872,576
	Missouri.....	9,614	662,786	-653,172
	Oklahoma.....	399,321	0	399,321
	Texas.....	492,373	4,300	488,073
	<b>Total</b> .....	2,810,961	2,737,292	73,669
California	Arizona.....	700,796	0	700,796
	Nevada.....	243,866	0	243,866
	Oregon.....	602,841	0	602,841
	<b>Total</b> .....	1,547,503	0	1,547,503
Colorado	Kansas.....	0	95,358	-95,358
	Nebraska.....	180,063	1,123	178,940
	New Mexico.....	0	312,064	-312,064
	Oklahoma.....	25,819	73,458	-47,639
	Utah.....	106,032	19,136	86,897
	Wyoming.....	432,181	249,670	182,511
	<b>Total</b> .....	744,096	750,810	-6,713
Connecticut	Massachusetts.....	2,458	0	2,458
	New York.....	386,469	73,343	313,126
	Rhode Island.....	0	181,290	-181,290
	<b>Total</b> .....	388,927	254,633	134,294
Delaware	Maryland.....	0	3,252	-3,252
	Pennsylvania.....	46,232	0	46,232
	<b>Total</b> .....	46,232	3,252	42,980
District of Columbia	Maryland.....	5,600	0	5,600
	Virginia.....	24,093	0	24,093
	<b>Total</b> .....	29,693	0	29,693

See footnotes at end of table.

**Table 9. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1996**  
**(Continued)**  
(Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
Florida	Alabama .....	469,021	33	468,988
	Georgia .....	14,064	0	14,064
	<b>Total</b> .....	483,085	33	483,052
Georgia	Alabama .....	1,502,968	0	1,502,968
	Florida .....	0	14,064	-14,064
	South Carolina .....	0	1,102,769	-1,102,769
	Tennessee .....	0	8,129	-8,129
	<b>Total</b> .....	1,502,968	1,124,962	378,006
Idaho	Canada .....	842,114	0	842,114
	Nevada .....	0	48,442	-48,442
	Oregon .....	126,012	0	126,012
	Utah .....	133	0	133
	Washington .....	99	823,898	-823,799
	Wyoming .....	0	27,271	-27,271
	<b>Total</b> .....	968,358	899,611	68,746
Illinois	Indiana .....	139,099	1,289,309	-1,150,210
	Iowa .....	933,856	26,458	907,398
	Kentucky .....	454,131	0	454,131
	Missouri .....	1,015,520	0	1,015,520
	Wisconsin .....	64,724	182,980	-118,256
	<b>Total</b> .....	2,607,330	1,498,747	1,108,583
Indiana	Illinois .....	1,289,309	139,099	1,150,210
	Kentucky .....	988,335	0	988,335
	Michigan .....	0	435,460	-435,460
	Ohio .....	27,609	1,105,950	-1,078,341
	<b>Total</b> .....	2,305,253	1,680,509	624,743
Iowa	Illinois .....	26,458	933,856	-907,398
	Minnesota .....	564,359	271,648	292,711
	Missouri .....	245,148	0	245,148
	Nebraska .....	661,704	0	661,704
	South Dakota .....	301	569	-267
	<b>Total</b> .....	1,497,972	1,206,074	291,899
Kansas	Colorado .....	95,358	0	95,358
	Missouri .....	0	625,779	-625,779
	Nebraska .....	1,283	870,787	-869,504
	Oklahoma .....	1,122,386	33,373	1,089,013
	<b>Total</b> .....	1,219,027	1,529,940	-310,913
Kentucky	Alabama .....	<sup>b1</sup>	0	1
	Illinois .....	0	454,131	-454,131
	Indiana .....	0	988,335	-988,335
	Ohio .....	6,325	1,558,506	-1,552,181
	Tennessee .....	3,949,767	2	3,949,766
	West Virginia .....	0	877,741	-877,741
	<b>Total</b> .....	3,956,093	3,878,714	77,379
Louisiana	Alabama .....	<sup>b2</sup>	0	2
	Algeria .....	7,042	0	7,042
	Arkansas .....	197,630	1,909,654	-1,712,023

See footnotes at end of table.

**Table 9. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1996**  
**(Continued)**  
(Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
	Mississippi .....	408	4,006,581	-4,006,173
	Texas .....	2,174,961	6,712	2,168,249
	<b>Total</b> .....	2,380,044	5,922,946	-3,542,903
Maine				
	Massachusetts .....	<sup>b</sup> 19	0	19
	New Hampshire .....	5,888	0	5,888
	<b>Total</b> .....	5,907	0	5,907
Maryland				
	Delaware .....	3,252	0	3,252
	District of Columbia .....	0	5,600	-5,600
	Pennsylvania .....	43,557	639,875	-596,318
	Virginia .....	835,664	26,782	808,882
	<b>Total</b> .....	882,473	672,257	210,215
Massachusetts				
	Algeria .....	28,283	0	28,283
	Connecticut .....	0	2,458	-2,458
	Maine .....	0	<sup>b</sup> 19	-19
	New Hampshire .....	0	19,498	-19,498
	New Jersey .....	0	<sup>b</sup> 192	-192
	New York .....	326,187	0	326,187
	Rhode Island .....	136,456	61,757	74,699
	United Arab Emirates .....	<sup>c</sup> 4,949	0	4,949
	<b>Total</b> .....	495,875	83,924	411,950
Michigan				
	Canada .....	29,043	586,696	-557,653
	Indiana .....	435,460	0	435,460
	Ohio .....	350,747	0	350,747
	Wisconsin .....	730,422	139,929	590,493
	<b>Total</b> .....	1,545,671	726,625	819,047
Minnesota				
	Canada .....	937,806	0	937,806
	Iowa .....	271,648	564,359	-292,711
	North Dakota .....	0	8,157	-8,157
	South Dakota .....	619,703	0	619,703
	Wisconsin .....	1,376	871,327	-869,951
	<b>Total</b> .....	1,830,533	1,443,843	386,690
Mississippi				
	Alabama .....	0	3,231,525	-3,231,525
	Arkansas .....	1,872,576	0	1,872,576
	Louisiana .....	4,006,581	408	4,006,173
	Tennessee .....	1,016	2,841,597	-2,840,582
	<b>Total</b> .....	5,880,172	6,073,530	-193,358
Missouri				
	Alabama .....	<sup>b</sup> 2	0	2
	Arkansas .....	662,786	9,614	653,172
	Illinois .....	0	1,015,520	-1,015,520
	Iowa .....	0	245,148	-245,148
	Kansas .....	625,779	0	625,779
	Nebraska .....	248,550	0	248,550
	Oklahoma .....	19,674	24	19,649
	<b>Total</b> .....	1,556,791	1,270,306	286,485
Montana				
	Canada .....	576,511	91	576,420
	North Dakota .....	10,289	589,887	-579,598
	South Dakota .....	0	266	-266

See footnotes at end of table.

**Table 9. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1996**  
**(Continued)**  
(Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
	Wyoming .....	17,159	322	16,837
	<b>Total</b> .....	603,959	590,566	13,393
Nebraska	Colorado .....	1,123	180,063	-178,940
	Iowa .....	0	661,704	-661,704
	Kansas .....	870,787	1,283	869,504
	Missouri .....	0	248,550	-248,550
	South Dakota .....	0	12,316	-12,316
	Wyoming .....	219,242	0	219,242
	<b>Total</b> .....	1,091,152	1,103,916	-12,764
Nevada	Arizona .....	39,836	0	39,836
	California .....	0	243,866	-243,866
	Idaho .....	48,442	0	48,442
	Utah .....	268,138	0	268,138
	<b>Total</b> .....	356,416	243,866	112,550
New Hampshire	Maine .....	0	5,888	-5,888
	Massachusetts .....	19,498	0	19,498
	Vermont .....	7,937	0	7,937
	<b>Total</b> .....	27,435	5,888	21,548
New Jersey	Massachusetts .....	<sup>b</sup> 192	0	192
	New York .....	0	637,254	-637,254
	Pennsylvania .....	1,217,085	0	1,217,085
	<b>Total</b> .....	1,217,278	637,254	580,023
New Mexico	Arizona .....	0	883,918	-883,918
	Colorado .....	312,064	0	312,064
	Texas .....	4,089	568,446	-564,358
	<b>Total</b> .....	316,153	1,452,364	-1,136,212
New York	Canada .....	652,578	0	652,578
	Connecticut .....	73,343	386,469	-313,126
	Massachusetts .....	0	326,187	-326,187
	New Jersey .....	637,254	0	637,254
	Pennsylvania .....	484,157	85,916	398,241
	<b>Total</b> .....	1,847,332	798,572	1,048,760
North Carolina	South Carolina .....	965,420	0	965,420
	Virginia .....	5,446	744,068	-738,622
	<b>Total</b> .....	970,866	744,068	226,797
North Dakota	Canada .....	6,110	0	6,110
	Minnesota .....	8,157	0	8,157
	Montana .....	589,887	10,289	579,598
	South Dakota .....	0	643,401	-643,401
	<b>Total</b> .....	604,154	653,690	-49,536
Ohio	Indiana .....	1,105,950	27,609	1,078,341
	Kentucky .....	1,558,506	6,325	1,552,181
	Michigan .....	0	350,747	-350,747
	Pennsylvania .....	2,657	658,963	-656,306

See footnotes at end of table.

**Table 9. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1996**  
**(Continued)**  
(Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
	West Virginia .....	330,287	886,116	-555,829
	<b>Total</b> .....	2,997,400	1,929,760	1,067,640
Oklahoma	Arkansas .....	0	399,321	-399,321
	Colorado .....	73,458	25,819	47,639
	Kansas .....	33,373	1,122,386	-1,089,013
	Missouri .....	24	19,674	-19,649
	Texas .....	741,733	361,630	380,104
	<b>Total</b> .....	848,589	1,928,829	-1,080,240
Oregon	California .....	0	602,841	-602,841
	Idaho .....	0	126,012	-126,012
	Washington .....	906,506	99	906,407
	<b>Total</b> .....	906,506	728,952	177,554
Pennsylvania	Delaware .....	0	46,232	-46,232
	Maryland .....	639,875	43,557	596,318
	New Jersey .....	0	1,217,085	-1,217,085
	New York .....	85,916	484,157	-398,241
	Ohio .....	658,963	2,657	656,306
	West Virginia .....	1,265,511	10,579	1,254,932
	<b>Total</b> .....	2,650,265	1,804,267	845,998
Rhode Island	Connecticut .....	181,290	0	181,290
	Massachusetts .....	61,757	136,456	-74,699
	<b>Total</b> .....	243,047	136,456	106,591
South Carolina	Alabama .....	<sup>b</sup> 16	0	16
	Georgia .....	1,102,769	0	1,102,769
	North Carolina .....	0	965,420	-965,420
	<b>Total</b> .....	1,102,786	965,420	137,366
South Dakota	Iowa .....	569	301	267
	Minnesota .....	0	619,703	-619,703
	Montana .....	266	0	266
	Nebraska .....	12,316	0	12,316
	North Dakota .....	643,401	0	643,401
	Wyoming .....	0	220	-220
	<b>Total</b> .....	656,552	620,225	36,327
Tennessee	Alabama .....	1,423,143	368	1,422,774
	Georgia .....	8,129	0	8,129
	Kentucky .....	2	3,949,767	-3,949,766
	Mississippi .....	2,841,597	1,016	2,840,582
	Virginia .....	0	70	-70
	<b>Total</b> .....	4,272,871	3,951,222	321,649
Texas	Arkansas .....	4,300	492,373	-488,073
	Louisiana .....	6,712	2,174,961	-2,168,249
	Mexico .....	13,862	30,435	-16,573
	New Mexico .....	568,446	4,089	564,358
	Oklahoma .....	361,630	741,733	-380,104
	<b>Total</b> .....	954,950	3,443,591	-2,488,640

See footnotes at end of table.

**Table 9. Interstate Movements and Movements Across U.S. Borders of Natural Gas by State, 1996**  
**(Continued)**  
(Million Cubic Feet)

State	State or Country From/To	Volume		
		Receipts/ Imports From	Deliveries/ Exports To	Net <sup>a</sup>
Utah				
	Colorado .....	19,136	106,032	-86,897
	Idaho .....	0	133	-133
	Nevada .....	0	268,138	-268,138
	Wyoming .....	400,967	16,656	384,311
	<b>Total</b> .....	420,103	390,959	29,144
Vermont				
	Canada .....	18,736	0	18,736
	New Hampshire .....	0	7,937	-7,937
	<b>Total</b> .....	18,736	7,937	10,799
Virginia				
	District of Columbia .....	0	24,093	-24,093
	Maryland .....	26,782	835,664	-808,882
	North Carolina .....	744,068	5,446	738,622
	Tennessee .....	70	0	70
	West Virginia .....	303,428	2,397	301,031
	<b>Total</b> .....	1,074,350	867,600	206,750
Washington				
	Canada .....	356,711	1,451	355,260
	Idaho .....	823,898	99	823,799
	Oregon .....	99	906,506	-906,407
	<b>Total</b> .....	1,180,708	908,055	272,652
West Virginia				
	Kentucky .....	877,741	0	877,741
	Ohio .....	886,116	330,287	555,829
	Pennsylvania .....	10,579	1,265,511	-1,254,932
	Virginia .....	2,397	303,428	-301,031
	<b>Total</b> .....	1,776,833	1,899,227	-122,393
Wisconsin				
	Illinois .....	182,980	64,724	118,256
	Michigan .....	139,929	730,422	-590,493
	Minnesota .....	871,327	1,376	869,951
	<b>Total</b> .....	1,194,236	796,522	397,714
Wyoming				
	Colorado .....	249,670	432,181	-182,511
	Idaho .....	27,271	0	27,271
	Montana .....	322	17,159	-16,837
	Nebraska .....	0	219,242	-219,242
	South Dakota .....	220	0	220
	Utah .....	16,656	400,967	-384,311
	<b>Total</b> .....	294,140	1,069,550	-775,410
<b>Total Natural Gas Movements</b> .....		66,427,622	63,643,603	2,784,020
<b>Movements Across U.S. Borders</b> .....		<sup>d</sup> 3,473,745	<sup>e</sup> 689,725	2,784,020
<b>U.S. Interstate Movements</b> .....		62,953,877	62,953,877	0

<sup>a</sup> Positive numbers denote net receipts; negative numbers denote net deliveries.

<sup>b</sup> Natural gas transported by truck either as liquefied natural gas (LNG) or compressed natural gas (CNG).

<sup>c</sup> LNG transported by ship.

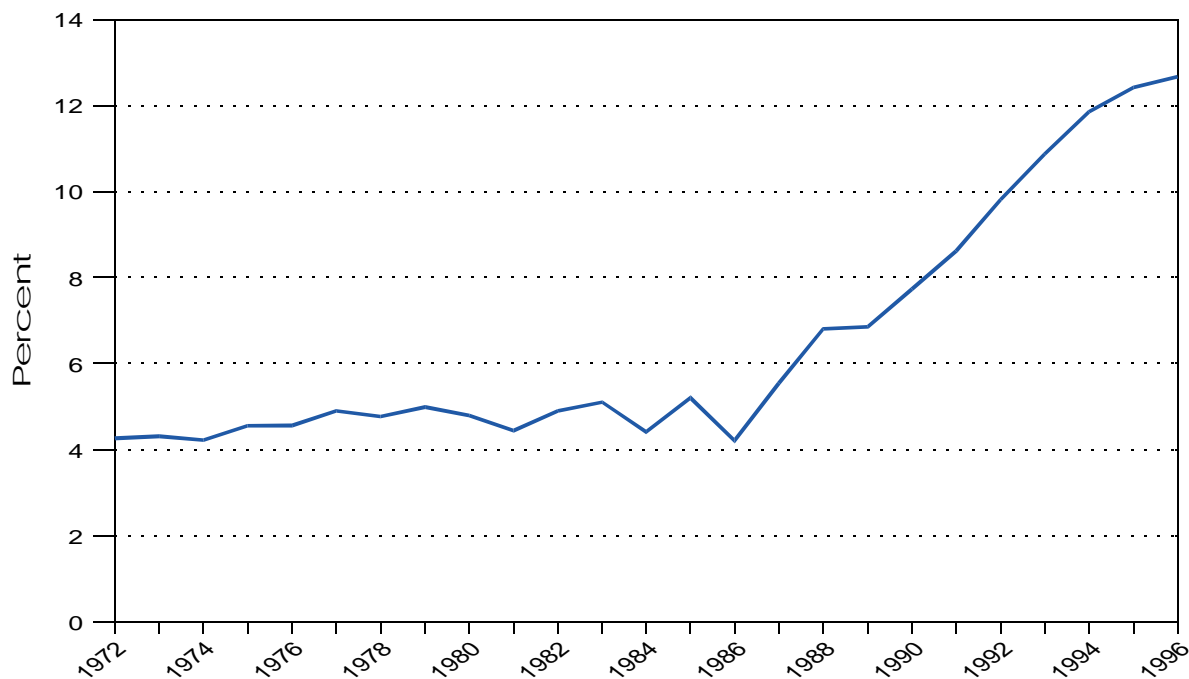
<sup>d</sup> Volumes include 2,937,413 million cubic feet of imports from Mexico, Algeria, United Arab Emirates, and Canada, and 536,333 million cubic feet of intransit receipts from Canada.

<sup>e</sup> Volumes include 153,393 million cubic feet of exports to Japan, Mexico, and Canada, and 536,333 million cubic feet of intransit natural gas deliveries to Canada.

Note: Totals may not equal sum of components due to independent rounding.

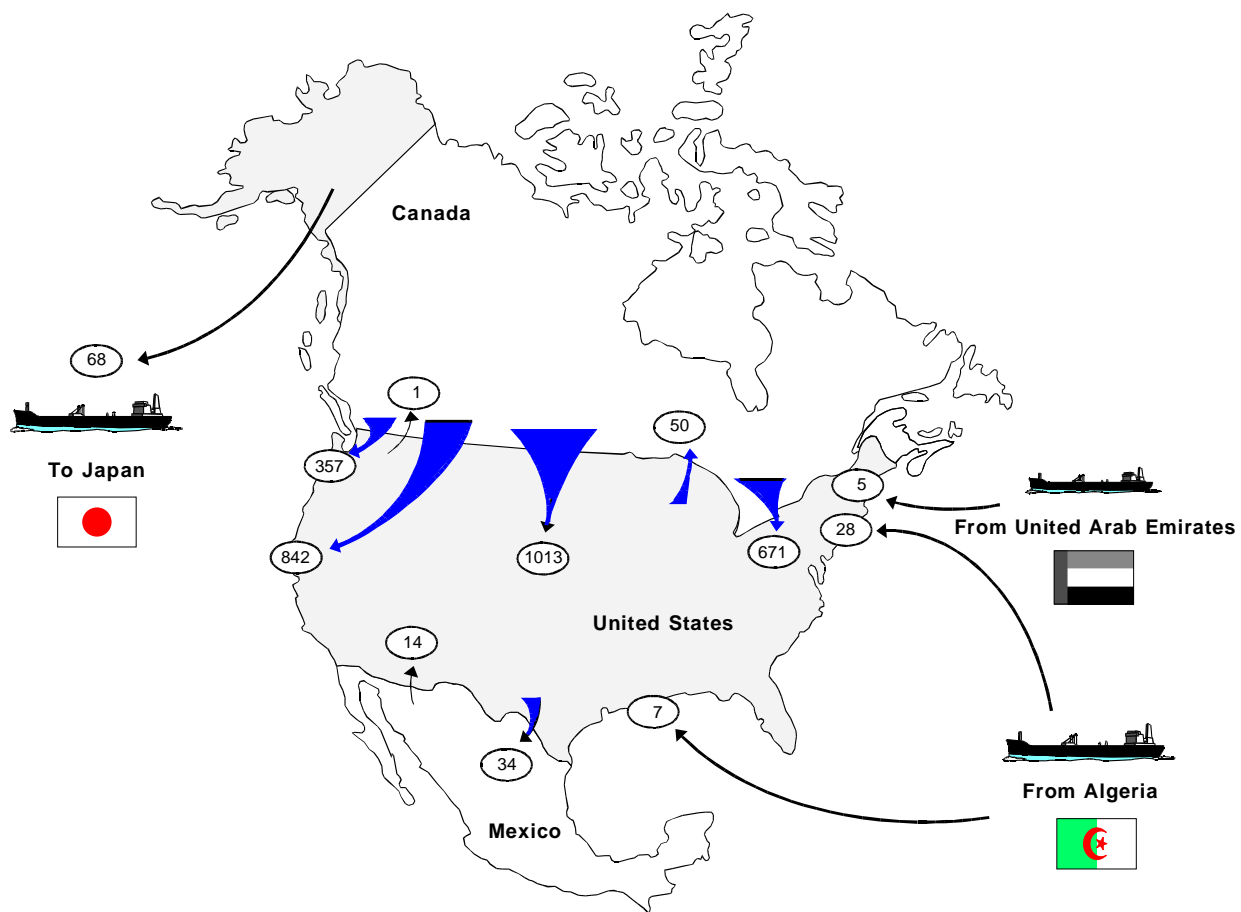
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 7. Net Imports as a Percentage of Total Consumption of Natural Gas, 1972-1996**



Sources: 1972-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production 1979*. 1980-1989: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-759, "Monthly Power Plant Report"; and Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"; 1990: EIA, Form EIA-176, Form EIA-759, Form FPC-14, and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; 1991-1994: EIA, Form EIA-176, Form EIA-759, Form FPC-14, Form EIA-64A, and Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; 1995: EIA, Form EIA-176, Form EIA-759, Form EIA-64A, Form EIA-627, and Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports; 1996: EIA, Form EIA-176, Form EIA-759, Form EIA-64A, Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and Office of Fossil Energy.

**Figure 8. Flow of Natural Gas Imports and Exports, 1996**  
(Billion Cubic Feet)



Source: Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports.



**Table 10. Summary of U.S. Natural Gas Imports and Exports, 1992-1996**

	1992	1993	1994	1995	1996
<b>Imports</b>					
Volume (million cubic feet)					
Pipeline					
Canada.....	2,094,387	2,266,751	2,566,049	2,816,408	2,883,277
Mexico.....	0	1,678	7,013	6,722	13,862
<b>Total Pipeline Imports.....</b>	<b>2,094,387</b>	<b>2,268,429</b>	<b>2,573,061</b>	<b>2,823,130</b>	<b>2,897,138</b>
LNG					
Algeria.....	43,116	81,685	50,778	17,918	35,325
United Arab Emirates.....	0	0	0	0	4,949
<b>Total LNG Imports.....</b>	<b>43,116</b>	<b>81,685</b>	<b>50,778</b>	<b>17,918</b>	<b>40,274</b>
<b>Total Imports.....</b>	<b>2,137,504</b>	<b>2,350,115</b>	<b>2,623,839</b>	<b>2,841,048</b>	<b>2,937,413</b>
Average Price (dollars per thousand cubic feet)					
Pipeline					
Canada.....	1.84	2.02	1.86	1.48	1.96
Mexico.....	—	1.94	1.99	1.53	2.25
<b>Total Pipeline Imports.....</b>	<b>1.84</b>	<b>2.02</b>	<b>1.86</b>	<b>1.48</b>	<b>1.96</b>
LNG					
Algeria.....	2.54	2.20	2.28	2.30	2.70
United Arab Emirates.....	—	—	—	—	3.46
<b>Total LNG Imports.....</b>	<b>2.54</b>	<b>2.20</b>	<b>2.28</b>	<b>2.30</b>	<b>2.80</b>
<b>Total Imports.....</b>	<b>1.85</b>	<b>2.03</b>	<b>1.87</b>	<b>1.49</b>	<b>1.97</b>
<b>Exports</b>					
Volume (million cubic feet)					
Pipeline					
Canada.....	67,777	44,518	52,556	27,554	51,905
Mexico.....	95,973	39,676	46,500	61,283	33,840
<b>Total Pipeline Exports.....</b>	<b>163,750</b>	<b>84,195</b>	<b>99,057</b>	<b>88,836</b>	<b>85,745</b>
LNG					
Japan.....	52,532	55,989	62,682	65,283	67,648
<b>Total Exports.....</b>	<b>216,282</b>	<b>140,183</b>	<b>161,738</b>	<b>154,119</b>	<b>153,393</b>
Average Price (dollars per thousand cubic feet)					
Pipeline					
Canada.....	1.83	2.14	2.42	1.96	2.67
Mexico.....	1.90	2.02	1.68	1.50	2.11
<b>Total Pipeline Exports.....</b>	<b>1.88</b>	<b>2.08</b>	<b>2.08</b>	<b>1.64</b>	<b>2.45</b>
LNG					
Japan.....	3.43	3.34	3.18	3.41	3.65
<b>Total Exports.....</b>	<b>2.25</b>	<b>2.59</b>	<b>2.50</b>	<b>2.39</b>	<b>2.97</b>

— = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration, Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994), and Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996).

**Table 11. Additions to and Withdrawals from Gas Storage by State, 1996**  
(Million Cubic Feet)

State	Underground Storage			LNG Storage			Net Change in Storage
	Injections	Withdrawals	Net	Additions	Withdrawals	Net	
Alabama .....	3,349	2,125	1,224	979	1,282	-303	921
Arkansas .....	7,152	7,216	-64	0	85	-85	-150
California .....	104,238	155,530	-51,292	37	50	-13	-51,305
Colorado .....	37,808	36,804	1,004	0	0	0	1,004
Connecticut .....	0	0	0	2,265	1,585	680	680
Delaware .....	0	0	0	237	226	11	11
Georgia .....	0	0	0	6,523	6,712	-189	-189
Idaho .....	0	0	0	636	661	-25	-25
Illinois .....	241,129	226,020	15,109	971	1,259	-289	14,820
Indiana .....	27,263	25,462	1,801	4,337	4,571	-234	1,567
Iowa .....	61,060	59,831	1,229	5,262	3,284	1,978	3,207
Kansas .....	104,871	116,989	-12,118	0	0	0	-12,118
Kentucky .....	69,498	61,968	7,530	0	0	0	7,530
Louisiana .....	249,153	260,117	-10,964	7,016	7,056	-39	-11,003
Maine .....	0	0	0	26	22	4	4
Maryland .....	17,448	17,472	-24	4,881	691	4,190	4,166
Massachusetts .....	0	0	0	6,107	11,471	-5,364	-5,364
Michigan .....	503,138	471,467	31,671	0	0	0	31,671
Minnesota .....	1,655	1,625	30	7,990	5,861	2,128	2,158
Mississippi .....	88,684	75,926	12,758	0	0	0	12,758
Missouri .....	6,570	6,522	48	0	0	0	48
Montana .....	19,871	31,595	-11,725	0	0	0	-11,725
Nebraska .....	8,423	6,933	1,489	915	788	127	1,617
Nevada .....	0	0	0	180	109	72	72
New Jersey .....	0	0	0	5,033	3,219	1,814	1,814
New Mexico .....	11,953	17,290	-5,338	0	0	0	-5,338
New York .....	76,475	63,108	13,367	1,853	1,262	591	13,958
North Carolina .....	0	0	0	2,708	2,490	218	218
Ohio .....	198,642	187,798	10,844	0	0	0	10,844
Oklahoma .....	117,067	140,028	-22,961	0	0	0	-22,961
Oregon .....	4,416	5,199	-783	693	939	-246	-1,029
Pennsylvania .....	376,290	316,757	59,533	5,590	4,722	867	60,400
Rhode Island .....	0	0	0	850	1,603	-753	-753
South Carolina .....	0	0	0	976	910	65	65
South Dakota .....	0	0	0	0	143	-143	-143
Tennessee .....	0	0	0	2,809	3,985	-1,175	-1,175
Texas .....	305,914	369,783	-63,869	0	0	0	-63,869
Utah .....	32,368	45,323	-12,955	0	0	0	-12,955
Virginia .....	0	0	0	1,631	1,614	17	17
Washington .....	20,124	22,192	-2,067	2,284	2,356	-72	-2,140
West Virginia .....	200,612	164,768	35,844	0	0	0	35,844
Wisconsin .....	0	0	0	269	329	-60	-60
Wyoming .....	10,422	15,478	-5,056	0	0	0	-5,056
<b>Total .....</b>	<b>2,905,592</b>	<b>2,911,327</b>	<b>-5,735</b>	<b>73,057</b>	<b>69,287</b>	<b>3,770</b>	<b>-1,965</b>

Note: Totals may not equal sum of components due to independent rounding.

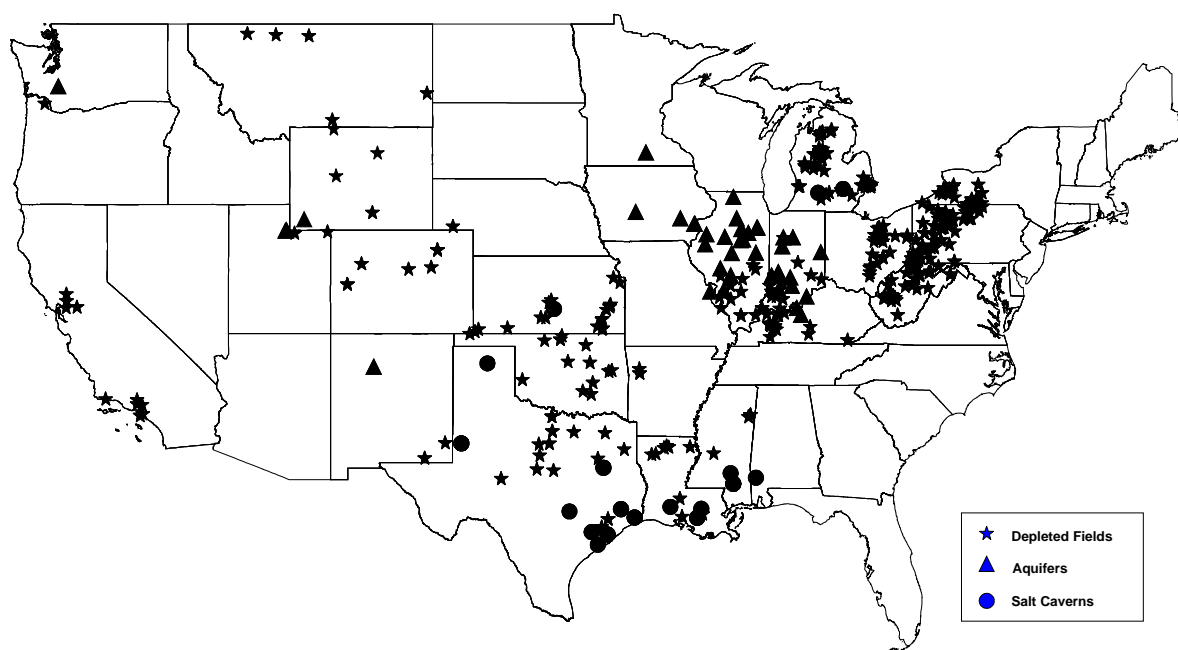
Source: Energy Information Administration, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 12. Underground Natural Gas Storage Capacity by State, December 31, 1996**  
(Capacity in Billion Cubic Feet)

State	Interstate Companies		Intrastate Companies		Independent Companies		Total		
	Number of Active Fields	Capacity	Number of Active Fields	Capacity	Number of Active Fields	Capacity	Number of Active Fields	Capacity	Percent of U.S. Capacity
Alabama .....	0	0	1	3	0	0	1	3	0.04
Arkansas .....	0	0	3	32	0	0	3	32	0.40
California .....	0	0	10	470	0	0	10	470	5.89
Colorado .....	4	66	5	34	0	0	9	100	1.25
Illinois .....	6	259	24	639	0	0	30	898	11.26
Indiana .....	6	16	22	97	0	0	28	113	1.42
Iowa .....	4	270	0	0	0	0	4	270	3.39
Kansas .....	16	279	2	6	0	0	18	285	3.57
Kentucky .....	6	167	18	49	0	0	24	216	2.71
Louisiana .....	8	530	4	25	0	0	12	555	6.95
Maryland .....	1	62	0	0	0	0	1	62	0.78
Michigan .....	30	781	18	271	0	0	48	1,052	13.19
Minnesota .....	0	0	1	7	0	0	1	7	0.09
Mississippi .....	3	121	4	13	0	0	7	134	1.68
Missouri .....	0	0	1	31	0	0	1	31	0.39
Montana .....	1	287	4	88	0	0	5	375	4.70
Nebraska .....	1	39	0	0	0	0	1	39	0.50
New Mexico .....	1	69	2	28	0	0	3	97	1.21
New York .....	20	164	2	10	0	0	22	174	2.18
Ohio .....	15	374	8	184	0	0	23	557	6.99
Oklahoma .....	6	213	4	58	4	124	14	395	4.95
Oregon .....	0	0	2	12	0	0	2	12	0.15
Pennsylvania .....	34	616	18	42	7	22	59	680	8.52
Texas .....	10	240	22	430	1	3	33	673	8.43
Utah .....	3	122	0	0	0	0	3	122	1.53
Washington .....	1	37	0	0	0	0	1	37	0.47
West Virginia .....	26	442	0	0	10	42	36	485	6.07
Wyoming .....	3	76	4	30	0	0	7	106	1.33
<b>Total .....</b>	<b>205</b>	<b>5,231</b>	<b>179</b>	<b>2,557</b>	<b>22</b>	<b>192</b>	<b>406</b>	<b>7,980</b>	<b>100.00</b>

Note: Totals may not equal sum of components due to independent rounding.  
Source: Energy Information Administration (EIA), Form EIA-191, "Underground Gas Storage Report."

**Figure 9. Locations of Existing Natural Gas Underground Storage Fields in the United States**



Source: Energy Information Administration (EIA), Form EIA-191, "Underground Gas Storage Report."

**Table 13. Supplemental Gas Supplies by State, 1996**  
(Million Cubic Feet)

State	Synthetic Natural Gas	Propane- Air	Refinery Gas	Biomass Gas	Other	Total
Alabama .....	0	18	0	0	0	18
Colorado .....	0	344	0	0	<sup>a</sup> 6,443	6,787
Connecticut .....	0	48	0	0	0	48
Delaware .....	0	1	0	0	0	1
Georgia .....	0	94	0	0	0	94
Hawaii .....	2,761	0	0	0	0	2,761
Illinois .....	0	488	3,423	0	0	3,912
Indiana .....	0	539	0	0	<sup>b</sup> 2,655	3,194
Iowa .....	0	301	0	0	0	301
Kentucky .....	0	45	0	0	0	45
Maine .....	0	61	0	0	0	61
Maryland .....	0	882	0	0	0	882
Massachusetts .....	0	426	0	0	0	426
Michigan .....	0	0	0	0	<sup>c</sup> 21,848	21,848
Minnesota .....	0	709	0	0	0	709
Missouri .....	0	785	0	0	0	785
Nebraska .....	0	315	0	0	0	315
New Hampshire .....	0	147	0	0	0	147
New Jersey .....	0	11	5,931	832	<sup>d</sup> 5	6,778
New York .....	0	218	0	1,042	0	1,259
North Dakota .....	55,867	0	0	0	0	55,867
Ohio .....	0	738	0	1,090	0	1,828
Oregon .....	0	2	0	0	0	2
Pennsylvania .....	0	266	0	0	0	266
Rhode Island .....	0	42	0	0	0	42
South Carolina .....	0	178	0	0	0	178
South Dakota .....	0	87	0	0	0	87
Tennessee .....	0	73	0	0	0	73
Vermont .....	0	5	0	0	0	5
Virginia .....	0	716	0	0	0	716
Wisconsin .....	10	11	0	0	0	21
<b>Total .....</b>	<b>58,637</b>	<b>7,548</b>	<b>9,354</b>	<b>2,964</b>	<b>30,951</b>	<b>109,455</b>

<sup>a</sup> Air injection for Btu stabilization.

<sup>b</sup> Coke oven gas.

<sup>c</sup> Blast furnace gas.

<sup>d</sup> Manufactured gas.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

# Consumption

Continuing the upward trend that began in 1991, total natural gas consumption rose during 1996, reaching 22.0 trillion cubic feet. This level is 2 percent higher than in 1995 and among the highest annual levels ever recorded. Natural gas has accounted for 25 percent of total energy consumption in the United States since 1992, and this share was maintained in 1996.

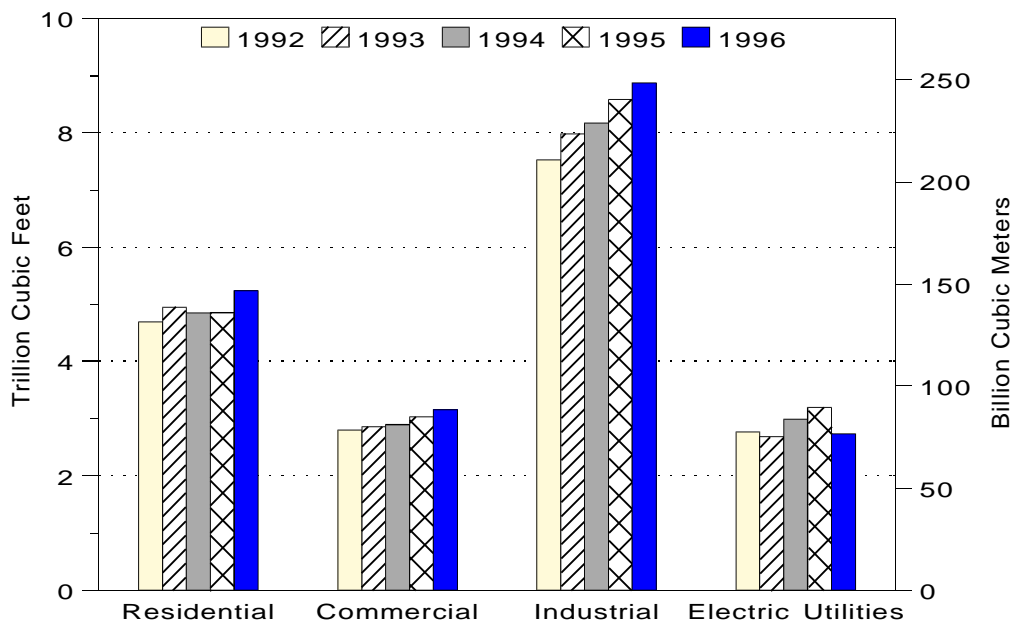
Although electric utility consumption declined, deliveries to residential, commercial, and industrial consumers each set new records in 1996. In the residential and industrial sectors the prior record levels were attained in the early 1970's. In the face of rising prices and increased demand from the residential and commercial sectors, consumption by electric utilities declined 15 percent in 1996. Deliveries of gas to industrial consumers, which include deliveries to cogenerators, represented 44 percent of total deliveries to natural gas consumers.

Consumption in the residential and commercial sectors was driven primarily by weather-related demand. Weather differences between 1996 and the previous year were strong during the first four months, especially in March. According to heating degree day data, during 1996 the Nation was on average 14 percent colder than normal and March 1996 was 27 percent colder than March 1995. In fact, many parts of the country were from 30 to 60 percent colder in March 1996 than in the same month one year ago.

## Residential and Commercial

Many States reported record low temperatures in early 1996 following the generally moderate weather recorded in 1995. In the residential and commercial sectors consumption is driven mostly by weather-related space-heating requirements. The cumulative effect of the much colder weather

**Figure 10. Natural Gas Delivered to Consumers in the United States, 1992-1996**



Note: In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.  
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition", and Form EIA-759, "Monthly Power Plant Report."

during the heating season months of early 1996 was that natural gas consumption rose in these two sectors. Residential consumption was 5.2 trillion cubic feet, 8 percent higher than 1995 and 2 percent greater than the previous record in 1972. Commercial consumption rose to 3.2 trillion cubic feet, 4 percent above the previous record level from one year ago.

Nearly one million new consumers entered the residential natural gas market in 1996 and the number of commercial consumers grew by more than 80,000. For each sector, the increase was 2 percent above the number of consumers in 1995. Average consumption per consumer during 1996 was 95,000 cubic feet in the residential sector, 7 percent more than in 1995, and 669,000 cubic feet per consumer in the commercial sector, 2 percent more than in 1995.

### **Industrial**

In recent years, more than 40 percent of natural gas deliveries have been used by industrial consumers. Deliveries to this sector continued the steady upward trend which began in 1986. Usage grew by 3 percent from 1995 to 1996 to 8.9 trillion cubic feet, topping the previous historical high of 8.7 trillion cubic feet set more than 20 years ago in 1973. Industrial consumption includes deliveries to all nonutility power producers.

Because different manufacturing activities use different proportions of gas in their production processes, the relationship between manufacturing output and gas consumption varies widely across industries. Such differences are often caused by technology choices, variations in output levels, and differential rates of energy efficiency. Increases reported for deliveries to industrials in recent years may be attributed in large measure to natural gas consumption by nonutility generators. Much of the natural gas consumed by nonutility generators is used for cogeneration. During the cogeneration process, a single energy input, such as natural gas, is used to produce both electricity and useful thermal energy in the form of process heat. Industries that use large quantities of natural gas to produce process heat, such as chemical manufacturing, are especially conducive to cogeneration applications.

With the 1996 annual reporting cycle, the Energy Information Administration has changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops. Separate reports of the volumes affected

are not available so the direct impact of this change on the commercial and industrial volumes is not quantifiable, and therefore no historical adjustment of the data will be done. Thus, in comparing sectoral use over time, note that there is an inherent shift in natural gas volumes from the commercial to industrial sectors due simply to these changes in the reporting requirements. See Appendix A for more discussion of this change in data series.

### **Electric Utilities**

Natural gas consumption by electric utilities decreased in 1996 by more than 460 billion cubic feet or 15 percent from the previous year. Nationally, electric utilities in the United States generated 3 percent more power than during 1995, and the role played by natural gas in that generation decreased to 8 percent from the previous years' share of 10 percent.

Electric utility consumption shown in this report is taken from the Form EIA-759, "Monthly Power Plant Report," on which electric utilities report receipts of natural gas. The differences between receipts reported on this form and deliveries reported on the Form EIA-176 are shown in Appendix A, Table A1. More detailed information about natural gas consumption in the electricity sector may be found in the EIA publication, *Electric Power Annual, Volume 1*.

### **Electric Power Industry Restructuring**

On April 24, 1996, the Federal Energy Regulatory Commission (FERC), issued Orders 888 and 889, the restructuring orders for the electric power industry. As it did in the gas industry, FERC will require transmission-owning utilities functionally to separate power sales from the provision of transportation services. These changes are likely to affect not only the demand for natural gas for power consumption but also the organization of the energy supply industries and conditions under which gas competes directly with electricity for end-use sales. In addition, the restructuring of the electricity industry is of potentially great significance to the industrial sector. Electricity's role as a competitor to natural gas may be strengthened. Moreover, competitive electricity markets could increase the uncertainty about the future of industrial gas-fired cogeneration.

### **Other Consuming Sectors**

Lease fuel, plant fuel, and pipeline fuel are volumes of natural gas consumed in the production, processing, and transmission of natural gas. Lease fuel and pipeline fuel

together represented 7 percent of total consumption during 1996, and plant fuel represented 2 percent. Nearly 32 percent of total lease fuel consumption was used in Alaska, primarily for repressuring. The level of gas repressuring or reinjection is very high in Alaska because there are limited facilities for delivering gas to consumers.

The volumes of natural gas consumed in the production, processing, and transmission of natural gas are directly related to production and consumption volumes. If production declines, lease and plant fuel consumption generally also decline. During 1996, dry production increased by 1 percent or 194 million cubic feet. Correspondingly, lease fuel consumption increased by 1 percent and plant fuel use increased by 5 percent.

Consumption of pipeline fuel, gas used in the operation of pipelines, increased by 2 percent or slightly more than 11,000 million cubic feet over the 1995 level. This was expected as a result of a 3 percent increase in the volume of interstate movements of natural gas.

While the amount of natural gas delivered for vehicle fuel use was very small compared to deliveries to other consuming sectors in 1996, it remains an area with very high growth potential. It was 2,932 million cubic feet, more than 10 percent greater than in 1995. Volumes of natural gas consumed as vehicle fuel may, in fact, be somewhat higher than shown. Some volumes are believed to be included in the volumes delivered to commercial consumers where refueling facilities exist and the consumption by fleet vehicles is not separately metered from space heating consumption.

**Table 14. Consumption of Natural Gas by State, 1992-1996**  
(Million Cubic Feet)

Year and State	Delivered to Consumers	Lease Fuel	Plant Fuel	Pipeline Fuel	Total Consumption
<b>1992 Total</b> .....	17,785,833	710,250	460,571	587,710	19,544,364
<b>1993 Total</b> .....	18,482,847	723,118	448,822	624,308	20,279,095
<b>1994 Total</b> .....	18,898,635	699,842	423,878	685,362	20,707,717
<b>1995 Total</b> .....	19,660,161	792,315	427,853	700,335	21,580,665
<b>1996 Total</b> .....	20,005,508	800,004	450,033	711,446	21,966,991
Alabama.....	293,084	10,492	2,827	19,139	325,542
Alaska.....	150,877	255,500	40,334	2,012	448,722
Arizona.....	103,037	58	0	17,254	120,350
Arkansas.....	252,585	<sup>a</sup> 5,124	451	12,501	270,661
California.....	1,721,217	63,297	4,520	18,281	1,807,314
Colorado.....	269,006	12,598	14,894	10,869	307,367
Connecticut.....	126,488	0	0	1,390	127,878
D.C.....	33,644	0	0	239	33,883
Delaware.....	54,020	0	0	5	54,026
Florida.....	478,471	<sup>a</sup> 2,049	125	5,723	486,367
Georgia.....	374,882	0	0	8,463	383,346
Hawaii.....	2,672	0	0	0	2,672
Idaho.....	61,058	0	0	5,948	67,006
Illinois.....	1,104,972	<sup>a</sup> 7	75	14,388	1,119,443
Indiana.....	561,056	8	0	12,416	573,480
Iowa.....	260,140	0	0	12,649	272,789
Kansas.....	275,508	<sup>a</sup> 18,752	30,444	38,262	362,965
Kentucky.....	207,529	<sup>a</sup> 1,744	682	26,490	236,445
Louisiana.....	1,382,966	144,486	69,235	67,761	1,664,447
Maine.....	5,722	0	0	0	5,722
Maryland.....	189,901	3	0	2,624	192,528
Massachusetts.....	355,609	0	0	2,131	357,740
Michigan.....	980,555	<sup>a</sup> 5,478	3,011	25,903	1,014,947
Minnesota.....	348,671	0	0	19,755	368,426
Mississippi.....	216,524	3,202	382	49,188	269,296
Missouri.....	286,814	<sup>a</sup> 1	0	7,455	294,270
Montana.....	55,584	2,233	168	3,414	61,399
Nebraska.....	128,297	43	3	4,563	132,906
Nevada.....	122,449	11	0	718	123,178
New Hampshire.....	19,031	0	0	26	19,057
New Jersey.....	599,810	0	0	3,097	602,907
New Mexico.....	113,059	17,901	63,850	26,926	221,736
New York.....	1,121,742	<sup>a</sup> 939	0	7,835	1,130,516
North Carolina.....	205,783	0	0	7,372	213,155
North Dakota.....	32,670	7,320	4,283	4,757	49,030
Ohio.....	915,035	1,193	37	20,166	936,430
Oklahoma.....	460,373	<sup>a</sup> 37,803	35,236	33,583	566,995
Oregon.....	160,626	40	0	7,939	168,605
Pennsylvania.....	684,022	3,082	217	40,642	727,963
Rhode Island.....	82,041	0	0	685	82,725
South Carolina.....	146,434	0	0	3,138	149,572
South Dakota.....	33,594	424	0	2,887	36,905
Tennessee.....	256,053	<sup>a</sup> 37	0	24,221	280,311
Texas.....	3,585,201	177,508	153,039	75,567	3,991,316
Utah.....	129,651	18,570	8,549	3,601	160,371
Vermont.....	7,325	0	0	8	7,333
Virginia.....	230,140	<sup>a</sup> 1,183	0	7,777	239,100
Washington.....	231,767	0	0	6,871	238,639
West Virginia.....	115,622	<sup>a</sup> 4,667	2,262	32,467	155,017
Wisconsin.....	398,581	0	0	4,196	402,777
Wyoming.....	73,609	4,252	15,409	8,144	101,413

<sup>a</sup> Lease fuel quantities were estimated by assuming that the proportions of on-system production used as lease fuel by respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," were the same as the proportions of gross withdrawals as reported on Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," used as lease by all operators. Form EIA-176 respondents reported on-system production totaling 36 percent of gross withdrawals in Alaska and 6.8 percent of gross withdrawals in the lower 48 states. The average ratios of volumes "Used in well, lease, and field operations" to "Company-owned natural gas produced on-system" computed from Form EIA-176 responses were .02387 for Alaska and .02283 for the lower 48 states. Those ratios were applied to gross withdrawals from all states, where lease fuel was applicable, that did not report lease fuel use on the Form EIA-895.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA), Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); estimates based upon Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; and Form EIA-759, "Monthly Power Plant Report."



**Table 15. Natural Gas Delivered to Consumers by State, 1992-1996**

Year and State	Residential		Commercial		Industrial	
	Volume (million cubic feet)	Consumers	Volume (million cubic feet)	Consumers	Volume (million cubic feet)	Consumers
<b>1992 Total</b> .....	4,690,065	52,331,397	2,802,751	4,409,699	7,526,898	209,616
<b>1993 Total</b> .....	4,956,445	52,535,411	2,861,569	4,464,906	7,981,433	209,666
<b>1994 Total</b> .....	4,847,702	53,392,557	2,895,013	4,533,905	8,167,033	202,940
<b>1995 Total</b> .....	4,850,318	54,322,179	3,031,077	4,636,500	8,579,585	209,398
<b>1996 Total</b> .....	5,241,414	55,263,673	3,158,244	4,720,227	8,870,422	206,049
Alabama .....	56,522	766,322	29,000	62,064	201,414	2,512
Alaska .....	16,179	81,348	27,315	12,732	75,616	202
Arizona .....	27,709	689,597	28,987	49,693	26,979	534
Arkansas .....	46,289	539,952	31,006	67,293	141,300	1,488
California .....	473,310	8,969,308	235,068	408,294	693,539	36,613
Colorado .....	110,924	1,147,743	68,914	121,221	83,640	2,099
Connecticut .....	43,764	433,778	39,786	47,055	32,451	3,435
D.C. ....	17,290	135,215	16,347	10,952	0	0
Delaware .....	9,791	106,548	6,694	9,518	14,164	250
Florida .....	16,293	521,674	41,810	47,578	136,722	517
Georgia .....	127,062	1,538,458	61,377	123,200	181,768	3,310
Hawaii .....	540	31,017	2,132	2,823	0	0
Idaho .....	14,941	187,756	11,506	25,271	34,577	183
Illinois .....	538,749	3,494,545	218,054	265,007	322,275	29,493
Indiana .....	179,939	1,489,647	87,456	139,097	289,219	6,586
Iowa .....	88,078	771,109	54,571	89,663	113,995	2,066
Kansas .....	85,376	804,213	57,229	89,168	110,294	2,988
Kentucky .....	70,232	696,989	40,972	76,079	94,481	1,633
Louisiana .....	56,626	945,967	25,746	62,101	1,048,432	1,444
Maine .....	967	14,982	2,566	6,414	2,190	87
Maryland .....	85,533	871,012	45,842	69,991	50,022	430
Massachusetts .....	114,365	1,188,317	96,187	105,889	100,015	10,952
Michigan .....	399,522	2,812,876	201,390	214,843	347,043	11,848
Minnesota .....	142,319	1,103,709	98,537	105,531	102,471	2,564
Mississippi .....	30,157	418,442	22,225	46,029	80,887	1,241
Missouri .....	137,225	1,275,465	72,802	133,445	71,533	3,408
Montana .....	22,175	205,199	14,823	26,374	18,103	466
Nebraska .....	48,989	439,931	40,833	61,117	36,125	2,234
Nevada .....	22,607	393,783	20,421	26,613	32,606	121
New Hampshire .....	7,012	75,175	7,099	12,755	4,916	367
New Jersey .....	222,619	2,147,622	150,432	224,749	200,933	10,139
New Mexico .....	33,689	428,621	26,466	37,796	22,858	1,365
New York .....	403,264	4,048,166	253,075	315,855	322,661	15,300
North Carolina .....	58,812	699,159	40,467	93,504	104,124	3,973
North Dakota .....	12,591	97,761	12,150	13,789	7,911	206
Ohio .....	374,824	2,994,891	189,966	259,663	347,149	8,672
Oklahoma .....	76,629	866,531	46,152	89,852	201,024	2,843
Oregon .....	33,236	433,638	25,597	57,613	87,754	799
Pennsylvania .....	278,606	2,431,909	154,642	214,340	243,499	6,441
Rhode Island .....	18,839	204,259	12,298	21,664	25,829	363
South Carolina .....	29,406	426,088	20,328	48,650	95,493	1,759
South Dakota .....	14,085	127,269	11,598	16,880	7,182	444
Tennessee .....	70,423	841,232	58,497	103,867	126,545	2,306
Texas .....	229,318	3,501,853	178,549	329,287	2,138,155	8,796
Utah .....	54,344	562,343	29,543	40,107	42,213	923
Vermont .....	2,523	24,383	2,825	3,790	1,953	27
Virginia .....	76,214	789,985	59,262	77,284	84,357	2,822
Washington .....	62,689	673,357	48,139	73,708	114,236	3,587
West Virginia .....	37,390	358,049	28,025	33,837	49,997	182
Wisconsin .....	147,893	1,324,570	93,816	129,146	149,517	5,861
Wyoming .....	13,534	131,910	9,721	17,036	50,253	170

See footnotes at end of table.

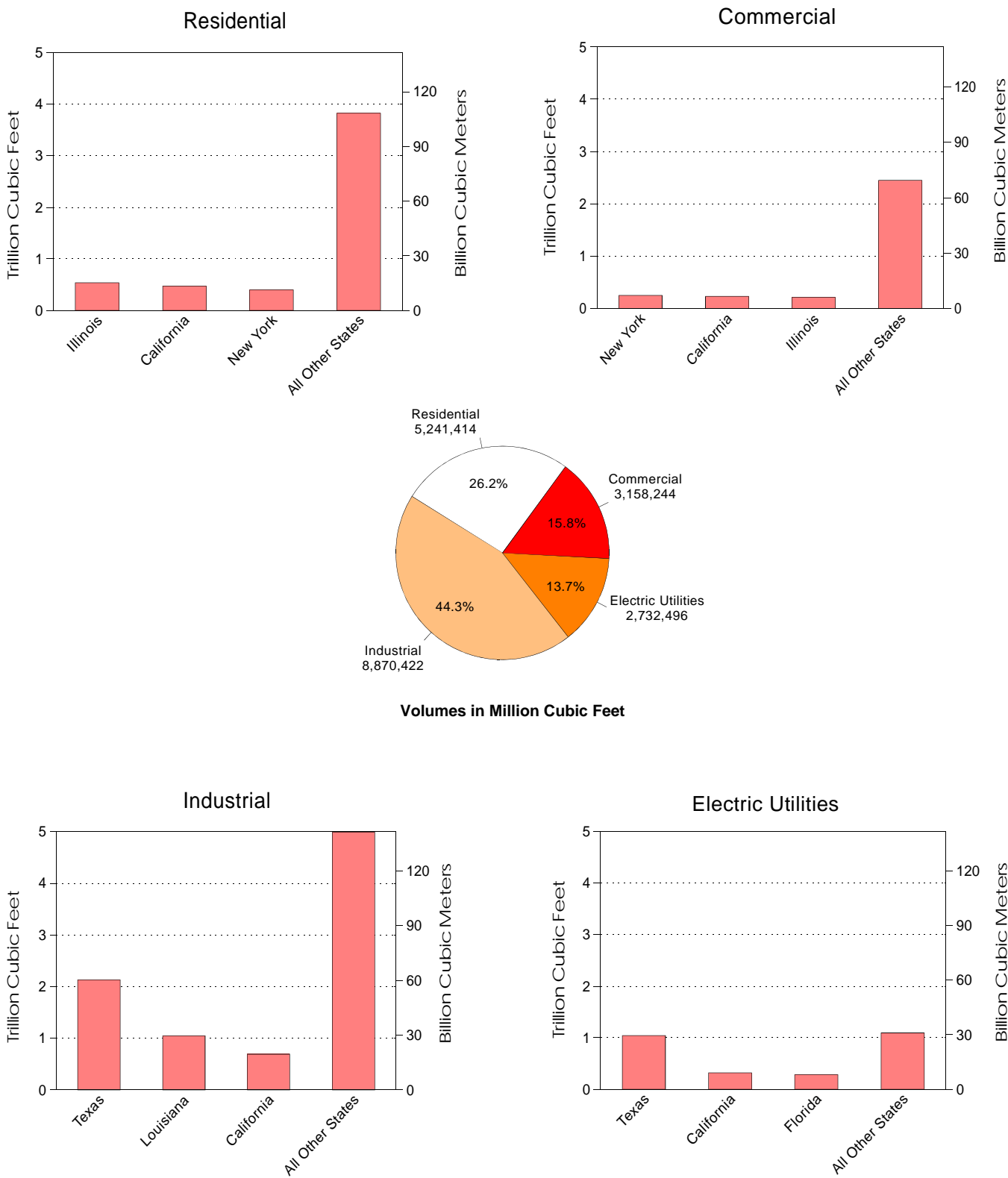
**Table 15. Natural Gas Delivered to Consumers by State, 1992-1996 (Continued)**

Year and State	Vehicle Fuel	Electric Utilities	Delivered to Consumers	Heating Value (Btu per Cubic Foot)
	Volume (million cubic feet)	Volume (million cubic feet)	Volume (million cubic feet)	
<b>1992 Total</b> .....	270	2,765,608	17,785,833	1,030
<b>1993 Total</b> .....	960	2,682,440	18,482,847	1,027
<b>1994 Total</b> .....	1,741	2,987,146	18,898,635	1,028
<b>1995 Total</b> .....	2,674	3,196,507	19,660,161	1,027
<b>1996 Total</b> .....	2,932	2,732,496	20,005,508	1,027
Alabama .....	2	6,146	293,084	1,033
Alaska .....	0	31,767	150,877	990
Arizona .....	115	19,248	103,037	1,011
Arkansas .....	3	33,988	252,585	1,026
California .....	1,264	318,035	1,721,217	1,032
Colorado .....	17	5,511	269,006	1,024
Connecticut .....	32	10,456	126,488	1,028
D.C. ....	6	0	33,644	1,009
Delaware .....	1	23,370	54,020	1,035
Florida .....	88	283,557	478,471	1,050
Georgia.....	1	4,674	374,882	1,023
Hawaii.....	0	0	2,672	1,057
Idaho .....	34	0	61,058	1,030
Illinois .....	32	25,863	1,104,972	1,019
Indiana.....	112	4,330	561,056	1,011
Iowa.....	4	3,491	260,140	1,006
Kansas .....	2	22,607	275,508	996
Kentucky.....	8	1,836	207,529	1,049
Louisiana .....	23	252,139	1,382,966	1,044
Maine.....	0	0	5,722	1,016
Maryland.....	49	8,455	189,901	1,029
Massachusetts .....	5	45,037	355,609	1,027
Michigan .....	40	32,559	980,555	1,012
Minnesota.....	43	5,301	348,671	1,018
Mississippi .....	5	83,251	216,524	1,030
Missouri.....	31	5,223	286,814	1,011
Montana .....	13	470	55,584	1,030
Nebraska .....	0	2,351	128,297	1,007
Nevada .....	48	46,766	122,449	1,036
New Hampshire.....	0	3	19,031	1,019
New Jersey.....	0	25,825	599,810	1,036
New Mexico.....	77	29,969	113,059	1,029
New York.....	54	142,688	1,121,742	1,026
North Carolina .....	0	2,381	205,783	1,036
North Dakota .....	15	3	32,670	1,051
Ohio .....	229	2,867	915,035	1,038
Oklahoma.....	133	136,436	460,373	1,024
Oregon .....	25	14,015	160,626	1,040
Pennsylvania .....	35	7,239	684,022	1,034
Rhode Island .....	3	25,071	82,041	1,060
South Carolina.....	1	1,206	146,434	1,030
South Dakota.....	4	725	33,594	1,014
Tennessee.....	15	572	256,053	1,032
Texas.....	24	1,039,155	3,585,201	1,033
Utah.....	122	3,428	129,651	1,042
Vermont.....	0	24	7,325	1,015
Virginia .....	32	10,275	230,140	1,039
Washington .....	113	6,590	231,767	1,037
West Virginia .....	5	205	115,622	1,061
Wisconsin.....	53	7,303	398,581	1,013
Wyoming .....	14	87	73,609	1,061

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Form EIA-759, "Monthly Power Plant Report."

Figure 11. Natural Gas Delivered to Consumers in the United States, 1996



Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 16. Natural Gas Delivered to Commercial Consumers for the Account of Others<sup>a</sup> by State, 1992-1996**  
(Million Cubic Feet)

State	1992		1993		1994		1995		1996	
	Delivered for the Account of Others	Percent of Total Commercial Deliveries	Delivered for the Account of Others	Percent of Total Commercial Deliveries	Delivered for the Account of Others	Percent of Total Commercial Deliveries	Delivered for the Account of Others	Percent of Total Commercial Deliveries	Delivered for the Account of Others	Percent of Total Commercial Deliveries
Alabama .....	4,868	19.3	4,950	19.2	5,043	19.8	5,213	19.9	5,470	18.9
Alaska .....	0	—	0	—	0	—	5,019	20.1	9,990	36.6
Arizona .....	2,021	7.5	2,336	8.5	2,709	9.3	3,282	11.6	4,309	14.9
Arkansas .....	2,343	9.3	2,393	8.3	1,351	4.9	1,104	4.0	1,550	5.0
California .....	72,782	25.5	57,781	23.1	134,346	51.3	133,483	47.9	106,531	45.3
Colorado .....	2,993	4.5	3,241	4.5	3,403	5.2	3,863	5.8	4,702	6.8
Connecticut .....	1,037	3.5	602	1.9	7,455	19.1	6,836	18.0	5,193	13.1
D.C. ....	155	1.0	332	2.0	1,343	9.1	3,954	23.2	4,823	29.5
Florida .....	964	2.3	911	2.2	861	2.2	988	2.4	1,204	2.9
Georgia .....	6,389	11.9	5,487	9.5	4,304	8.0	3,663	6.5	3,646	5.9
Idaho .....	1,278	14.3	1,405	13.2	1,427	14.1	1,450	14.0	1,543	13.4
Illinois .....	83,264	42.3	90,812	44.7	93,206	47.2	101,211	49.7	100,495	46.1
Indiana .....	2,319	3.2	3,724	4.8	5,841	7.7	10,149	12.3	3,255	3.7
Iowa .....	1,974	4.3	2,648	5.3	4,597	9.6	5,394	10.7	6,728	12.3
Kansas .....	8,408	15.6	9,729	17.4	11,295	21.6	14,029	26.4	16,200	28.3
Kentucky .....	2,451	6.9	2,809	7.4	3,171	8.6	4,169	10.8	3,773	9.2
Louisiana .....	3,552	12.5	479	1.9	505	2.1	464	1.9	451	1.8
Maryland .....	1,692	4.0	1,497	3.4	1,291	2.9	1,469	3.1	3,734	8.1
Massachusetts .....	140	0.2	1,625	2.5	20,132	23.8	12,453	15.1	24,311	25.3
Michigan .....	54,248	31.2	56,547	31.4	62,825	34.3	65,266	33.6	66,621	33.1
Minnesota .....	3,134	3.8	2,623	3.0	3,336	4.0	5,696	6.3	3,768	3.8
Mississippi .....	645	3.6	647	3.4	647	3.4	615	3.1	585	2.6
Missouri .....	8,817	14.5	10,710	15.4	11,072	16.7	10,880	16.7	12,988	17.8
Montana .....	533	4.6	939	6.8	1,070	8.2	1,131	8.4	1,247	8.4
Nebraska .....	4,063	11.8	3,142	9.0	7,726	19.8	9,181	22.9	12,247	30.0
Nevada .....	1,889	11.7	1,283	7.3	3,276	17.5	4,416	23.6	5,272	25.8
New Hampshire .....	0	—	0	—	0	—	52	0.8	218	3.1
New Jersey .....	10,012	7.6	10,901	8.5	11,045	8.4	19,074	13.7	40,100	26.7
New Mexico .....	8,361	30.0	10,459	37.5	9,395	37.6	9,520	39.8	9,351	35.3
New York .....	48,552	22.4	50,279	22.8	45,626	20.4	55,135	23.8	58,135	23.0
North Carolina .....	1,497	4.1	561	1.5	1,314	3.4	2,831	7.6	1,409	3.5
North Dakota .....	3,035	31.1	2,908	27.3	2,199	20.4	2,224	19.1	1,454	12.0
Ohio .....	23,188	14.4	25,345	15.5	30,807	18.5	41,569	23.7	53,609	28.2
Oklahoma .....	4,052	11.5	4,095	10.0	4,214	11.5	5,894	14.9	7,165	15.5
Oregon .....	433	2.2	504	2.1	430	1.9	419	1.9	431	1.7
Pennsylvania .....	32,481	24.2	29,758	22.6	35,514	25.6	45,481	31.6	45,809	29.6
Rhode Island .....	0	—	0	—	0	—	0	—	1,010	8.2
South Carolina .....	239	1.4	132	0.8	265	1.5	688	3.6	199	1.0
South Dakota .....	1,603	17.6	1,724	16.1	1,124	10.9	1,406	13.2	2,008	17.3
Tennessee .....	1,680	3.6	2,129	4.2	2,992	5.9	3,163	6.2	3,316	5.7
Texas .....	37,443	20.3	28,423	16.2	31,742	17.6	65,911	31.4	29,469	16.5
Utah .....	0	—	0	—	4,438	16.7	4,892	18.2	5,360	18.1
Virginia .....	4,719	9.3	5,902	11.2	7,039	13.3	9,062	15.9	8,712	14.7
Washington .....	4,831	12.8	2,671	6.1	1,993	4.6	3,514	8.3	6,795	14.1
West Virginia .....	10,536	43.1	11,134	45.7	11,194	44.8	12,536	48.5	12,263	43.8
Wisconsin .....	6,229	8.7	4,312	5.6	5,133	6.5	6,760	8.0	7,848	8.4
Wyoming .....	160	2.0	207	2.0	358	3.9	632	6.4	1,370	14.1
<b>Total .....</b>	<b>471,009</b>	<b>16.8</b>	<b>460,097</b>	<b>16.1</b>	<b>599,058</b>	<b>20.7</b>	<b>706,139</b>	<b>23.3</b>	<b>706,667</b>	<b>22.4</b>

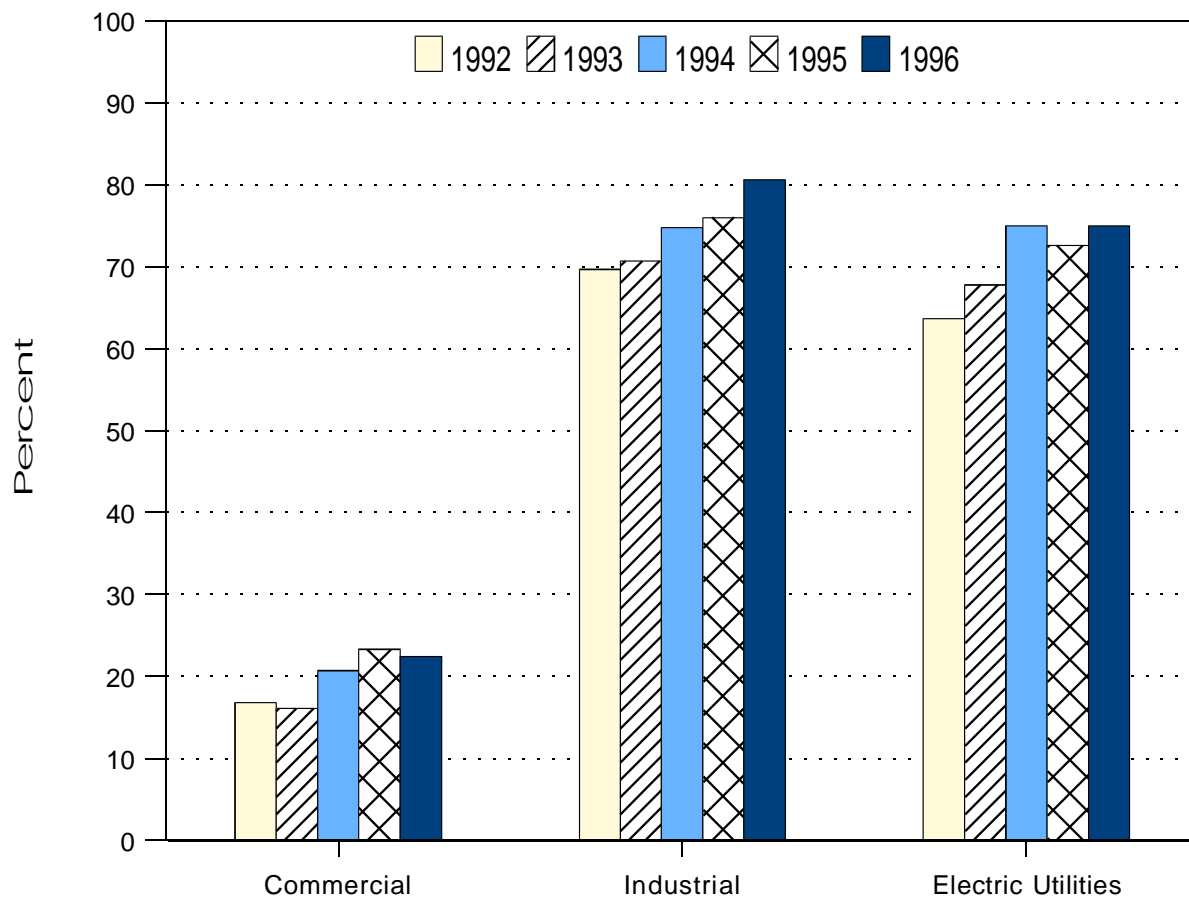
<sup>a</sup> These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.

— = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 12. Percent of Natural Gas Deliveries in the United States Representing Deliveries for the Account of Others by Consumer Sector, 1992-1996**



Note: These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.  
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 17. Natural Gas Delivered to Industrial Consumers for the Account of Others<sup>a</sup> by State, 1992-1996**  
(Million Cubic Feet)

State	1992		1993		1994		1995		1996	
	Delivered for the Account of Others	Percent of Total Industrial Deliveries	Delivered for the Account of Others	Percent of Total Industrial Deliveries	Delivered for the Account of Others	Percent of Total Industrial Deliveries	Delivered for the Account of Others	Percent of Total Industrial Deliveries	Delivered for the Account of Others	Percent of Total Industrial Deliveries
Alabama .....	118,457	70.1	131,817	72.6	132,073	72.7	156,374	76.6	155,962	77.4
Alaska .....	24,455	30.2	22,258	29.4	25,523	41.6	31,112	47.9	27,026	35.7
Arizona .....	13,925	70.4	15,868	75.0	18,035	69.7	20,825	75.3	21,670	80.3
Arkansas .....	102,468	86.2	102,902	86.2	115,461	86.2	119,716	86.2	122,937	87.0
California .....	430,836	72.5	485,326	73.6	537,503	81.8	604,196	87.8	622,182	89.7
Colorado .....	39,040	67.8	44,465	64.4	51,292	72.1	55,143	76.1	65,641	78.5
Connecticut .....	12,514	34.4	10,164	27.6	1,435	4.7	4,130	12.5	5,008	15.4
Delaware .....	6,316	35.0	4,922	25.3	5,631	32.7	6,281	32.4	8,882	62.7
Florida .....	56,893	67.1	73,610	73.4	106,166	83.7	112,361	84.2	119,191	87.2
Georgia .....	111,987	65.0	112,491	67.2	108,859	62.6	118,125	64.3	123,193	67.8
Idaho .....	26,963	99.7	29,057	99.7	28,932	97.2	33,291	97.8	34,080	98.6
Illinois .....	255,365	85.0	265,110	86.9	267,348	87.6	286,103	89.0	278,262	86.3
Indiana .....	188,562	76.8	210,303	79.9	233,870	86.6	236,435	85.8	241,236	83.4
Iowa .....	83,004	82.4	87,613	85.4	96,016	88.3	104,993	91.2	103,757	91.0
Kansas .....	117,419	89.8	120,962	87.0	175,691	93.5	112,942	87.2	101,877	92.4
Kentucky .....	47,776	64.9	53,163	69.9	57,149	68.8	65,659	72.3	68,850	72.9
Louisiana .....	582,295	62.4	670,825	68.9	759,747	76.0	733,133	70.2	942,276	89.9
Maine .....	0	—	0	—	0	—	0	—	197	9.0
Maryland .....	39,740	79.9	38,989	79.8	39,697	83.2	42,475	86.7	44,186	88.3
Massachusetts .....	38,685	54.6	65,739	69.4	67,072	72.3	73,793	68.5	74,115	74.1
Michigan .....	277,506	90.9	283,775	90.9	292,945	89.4	296,745	90.9	315,568	90.9
Minnesota .....	53,665	57.7	55,355	56.6	53,928	57.1	69,467	65.4	60,195	58.7
Mississippi .....	55,973	54.5	60,506	60.4	48,154	56.0	48,691	57.6	47,133	58.3
Missouri .....	44,131	75.5	46,608	76.4	56,873	79.4	53,484	77.6	53,656	75.0
Montana .....	10,078	82.5	11,407	89.9	13,395	96.1	17,565	96.9	17,483	96.6
Nebraska .....	15,558	58.8	28,068	72.6	28,971	78.4	37,370	83.5	28,756	79.6
Nevada .....	8,569	92.6	23,660	95.7	28,312	98.1	30,102	98.2	32,073	98.4
New Hampshire .....	0	—	0	—	225	5.0	1,639	35.6	2,193	44.6
New Jersey .....	77,276	44.3	83,216	44.1	81,222	42.6	98,456	47.1	96,081	47.8
New Mexico .....	16,339	95.7	16,107	94.6	16,884	90.1	19,596	92.9	22,049	96.5
New York .....	113,074	76.7	125,916	78.5	180,002	83.9	240,506	86.3	291,057	90.2
North Carolina .....	17,302	19.0	20,068	21.7	38,907	41.0	56,707	53.1	42,287	40.6
North Dakota .....	4,656	78.4	4,570	75.0	4,402	75.3	5,319	81.8	5,813	73.5
Ohio .....	260,609	88.4	270,667	89.8	281,055	90.3	312,067	92.7	321,733	92.7
Oklahoma .....	133,643	76.3	124,925	69.6	148,340	75.7	164,610	84.8	187,816	93.4
Oregon .....	46,434	79.3	43,558	71.9	42,891	68.6	51,352	74.5	71,942	82.0
Pennsylvania .....	182,522	77.1	183,131	75.8	187,980	79.5	209,372	83.8	198,545	81.5
Rhode Island .....	42,457	88.6	41,243	89.6	37,257	91.0	31,211	88.9	21,472	83.1
South Carolina .....	31,176	33.1	33,507	35.1	22,755	23.3	18,336	18.6	13,562	14.2
South Dakota .....	2,129	47.4	2,428	48.8	3,449	62.6	5,017	72.4	5,414	75.4
Tennessee .....	63,666	50.4	66,780	53.7	64,615	54.3	65,914	52.4	67,050	53.0
Texas .....	1,190,677	68.7	1,258,773	66.9	1,321,308	72.2	1,402,017	72.9	1,708,843	79.9
Utah .....	36,087	88.3	39,387	93.1	32,238	88.0	37,694	89.0	38,424	91.0
Virginia .....	51,223	74.4	54,791	75.1	67,341	78.5	83,030	85.2	69,163	82.0
Washington .....	49,911	62.6	54,177	58.7	62,877	58.4	73,798	67.1	86,332	75.6
West Virginia .....	37,034	83.8	40,863	86.6	40,684	87.0	44,726	85.6	42,843	85.7
Wisconsin .....	76,161	58.5	72,890	54.4	69,191	51.2	78,008	53.4	95,077	63.6
Wyoming .....	54,053	96.4	52,935	97.6	59,219	97.8	47,467	97.2	48,798	97.1
<b>Total .....</b>	<b>5,248,609</b>	<b>69.7</b>	<b>5,644,894</b>	<b>70.7</b>	<b>6,112,919</b>	<b>74.8</b>	<b>6,517,352</b>	<b>76.0</b>	<b>7,151,885</b>	<b>80.6</b>

<sup>a</sup> These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.

— = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 18. Natural Gas Delivered to Electric Utilities for the Account of Others<sup>a</sup> by State, 1992-1996**  
(Million Cubic Feet)

State	1992		1993		1994		1995		1996	
	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries	Delivered for the Account of Others	Percent of Total Electric Utility Deliveries
Alabama .....	2,739	75.2	2,753	61.0	3,271	89.6	7,441	94.7	5,101	93.0
Alaska .....	8,925	31.1	7,693	28.9	8,368	29.6	8,990	30.3	9,116	29.6
Arizona .....	40,553	99.9	29,866	99.9	33,188	99.9	25,867	99.9	26,662	99.9
Arkansas .....	25,647	96.7	16,528	93.6	18,625	95.9	23,132	96.2	26,442	94.8
California .....	406,235	69.7	342,457	74.1	556,557	93.3	367,940	90.3	263,937	85.8
Colorado .....	3,931	68.8	3,165	66.4	2,685	63.6	554	27.8	3,484	72.8
Connecticut .....	1,881	100.0	140	36.5	6,941	88.4	16,058	88.1	8,427	83.6
Delaware .....	48	0.5	58	0.7	16,120	92.3	21,423	79.5	19,088	86.8
Florida .....	186,524	93.2	177,954	97.9	182,379	98.9	308,563	99.5	269,460	99.6
Illinois .....	9,726	91.7	14,227	91.4	32,064	95.4	35,703	88.1	24,894	86.7
Indiana .....	6,129	81.0	4,204	85.0	7,370	78.3	11,986	89.4	6,373	81.3
Iowa .....	2,163	65.6	1,901	50.6	1,721	69.6	2,157	68.9	2,261	79.3
Kansas .....	7,161	54.6	8,091	57.8	14,617	71.5	16,872	75.9	12,545	92.6
Louisiana .....	208,847	86.8	182,535	82.8	174,324	83.8	239,903	78.0	202,033	89.9
Maryland .....	3,691	35.4	3,034	43.3	4,186	32.5	6,489	39.1	9,518	97.9
Massachusetts .....	22,672	65.0	9,725	43.0	29,992	72.5	50,087	75.5	39,460	86.2
Michigan .....	19,162	98.1	16,324	97.6	17,820	97.8	28,369	97.9	26,067	98.5
Minnesota .....	1,443	28.1	1,071	46.4	906	22.7	734	15.9	0	—
Mississippi .....	41,304	79.6	26,270	63.4	31,927	94.9	40,663	98.7	57,417	98.8
Missouri .....	1,418	52.3	2,607	51.1	1,246	39.5	5,794	57.6	1,848	65.3
Montana .....	99	44.5	155	57.4	139	21.0	250	67.8	301	68.1
Nebraska .....	1,038	57.9	484	37.7	34	5.5	63	4.7	503	29.6
Nevada .....	28,675	99.2	21,066	99.9	32,377	100.0	38,533	100.0	47,039	100.0
New Jersey .....	623	1.6	3,919	10.0	1,637	4.6	3,725	9.6	12,559	48.5
New Mexico .....	17,325	95.9	20,122	95.9	24,868	93.6	25,751	92.4	13,618	81.6
New York .....	19,893	9.9	15,455	9.2	14,082	8.3	24,175	10.3	4,804	3.4
North Carolina .....	461	15.4	1,692	61.7	432	50.8	967	32.0	578	24.4
Ohio .....	2,147	84.2	2,060	75.7	1,626	60.5	4,647	87.3	2,303	85.7
Oklahoma .....	137,019	86.9	145,216	89.7	139,435	88.2	138,365	89.4	125,825	87.7
Oregon .....	12,818	100.0	16,041	100.0	26,310	100.0	19,136	100.0	13,127	100.0
Pennsylvania .....	3,252	82.2	3,264	36.3	8,948	63.2	24,181	94.5	5,056	87.0
Rhode Island .....	466	100.0	0	—	0	—	0	—	25,046	100.0
South Dakota .....	714	92.6	142	91.9	64	100.0	0	100.0	0	—
Tennessee .....	219	74.1	1,015	62.5	498	51.3	1,414	66.5	425	61.8
Texas .....	449,615	51.8	544,255	62.7	659,710	66.5	577,894	65.4	578,654	64.4
Utah .....	5,434	99.5	5,004	99.9	7,922	99.6	7,515	99.5	4,006	98.6
Virginia .....	11,669	100.0	25,823	99.9	26,706	99.7	20,462	100.0	14,366	99.8
Washington .....	3,597	79.7	1,195	100.0	2,328	100.0	2,084	100.0	6,589	100.0
West Virginia .....	204	100.0	279	100.0	244	100.0	208	100.0	157	100.0
Wisconsin .....	1,899	70.4	648	18.1	457	8.6	2,188	22.0	2,404	33.1
<b>Total .....</b>	<b>1,697,363</b>	<b>63.7</b>	<b>1,658,438</b>	<b>67.8</b>	<b>2,092,124</b>	<b>75.0</b>	<b>2,110,284</b>	<b>72.6</b>	<b>1,871,496</b>	<b>75.0</b>

<sup>a</sup> These deliveries included quantities covered by long-term contracts and gas involved in short-term or spot market sales.

— = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 19. Firm Natural Gas Deliveries to Consumers by State, 1996**  
(Million Cubic Feet)

State	Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities	Total
Alabama .....	56,522	25,728	89,299	2	3,511	175,063
Alaska .....	16,179	26,986	72,757	0	30,163	146,085
Arizona .....	27,709	28,735	25,456	115	26,624	108,640
Arkansas .....	46,289	26,647	122,560	1	25,197	220,693
California .....	473,310	195,119	397,828	1,264	151,550	1,219,072
Colorado .....	110,924	65,526	33,616	8	4,105	214,180
Connecticut .....	43,462	29,725	15,116	17	7,601	95,922
D.C. ....	17,290	6,961	0	0	0	24,252
Delaware .....	9,791	6,694	12,303	1	21,468	50,258
Florida .....	16,293	40,677	55,063	88	247,959	360,081
Georgia .....	127,062	49,758	44,133	0	4,575	225,529
Hawaii .....	540	1,865	0	0	0	2,405
Idaho .....	14,941	11,506	30,261	34	0	56,742
Illinois .....	538,749	217,976	307,618	32	28,718	1,093,092
Indiana .....	179,939	81,040	72,016	112	1,886	334,992
Iowa .....	88,078	51,495	96,874	4	2,699	239,150
Kansas .....	85,376	46,897	66,922	1	8,128	207,323
Kentucky .....	70,229	37,366	56,509	8	648	164,759
Louisiana .....	56,626	19,074	760,019	23	97,584	933,326
Maine .....	967	2,566	1,650	0	0	5,183
Maryland .....	84,201	36,098	17,777	34	8,228	146,338
Massachusetts .....	114,365	74,480	71,575	1	39,411	299,832
Michigan .....	399,522	200,521	335,074	40	26,385	961,542
Minnesota .....	142,228	72,740	45,226	5	2,097	262,296
Mississippi .....	30,157	20,708	43,165	0	2,979	97,008
Missouri .....	137,225	70,861	62,930	31	1,879	272,926
Montana .....	22,175	14,458	9,067	13	141	45,854
Nebraska .....	48,989	35,960	28,407	0	132	113,487
Nevada .....	22,607	20,093	32,591	44	46,764	122,099
New Hampshire .....	7,012	7,099	2,777	0	0	16,888
New Jersey .....	222,619	124,479	81,881	0	20,864	449,843
New Mexico .....	33,689	26,379	19,892	77	13,883	93,920
New York .....	399,748	215,904	254,300	54	13,448	883,454
North Carolina .....	58,812	39,847	26,915	0	7	125,581
North Dakota .....	12,591	9,484	870	15	3	22,963
Ohio .....	374,790	184,757	299,145	229	1,342	860,263
Oklahoma .....	76,629	44,276	86,838	133	127,247	335,123
Oregon .....	33,236	25,166	41,597	25	13,127	113,151
Pennsylvania .....	278,606	134,732	180,509	23	1,662	595,533
Rhode Island .....	18,839	12,105	24,759	3	25,046	80,751
South Carolina .....	29,406	16,555	17,983	1	3	63,948
South Dakota .....	14,085	10,698	2,960	4	0	27,747
Tennessee .....	70,423	53,058	52,137	15	0	175,633
Texas .....	229,318	164,788	1,165,722	21	479,907	2,039,756
Utah .....	54,344	22,811	12,816	122	3,559	93,651
Vermont .....	2,523	2,825	133	0	0	5,480
Virginia .....	76,214	44,943	52,809	10	8,632	182,609
Washington .....	62,689	38,230	94,879	13	5,525	201,336
West Virginia .....	37,367	8,741	18,540	5	157	64,810
Wisconsin .....	147,893	85,363	27,098	30	1,957	262,341
Wyoming .....	13,534	8,943	18,063	14	61	40,615
<b>Total .....</b>	<b>5,236,112</b>	<b>2,799,442</b>	<b>5,388,436</b>	<b>2,674</b>	<b>1,506,864</b>	<b>14,933,529</b>

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.  
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."



**Table 20. Interruptible Natural Gas Deliveries to Consumers by State, 1996**  
(Million Cubic Feet)

State	Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities	Total
Alabama .....	0	3,272	112,115	0	1,973	117,360
Alaska .....	0	329	2,859	0	661	3,849
Arizona .....	0	252	1,522	0	68	1,842
Arkansas .....	0	4,359	18,740	2	2,684	25,784
California .....	0	39,949	295,711	0	156,020	491,680
Colorado .....	0	3,388	50,024	9	683	54,104
Connecticut .....	302	10,061	17,334	14	2,474	30,185
D.C. ....	0	9,386	0	6	0	9,392
Delaware .....	0	0	1,861	0	510	2,371
Florida .....	0	1,134	81,659	0	22,560	105,353
Georgia .....	0	11,618	137,635	0	0	149,254
Hawaii .....	0	267	0	0	0	267
Idaho .....	0	0	4,316	0	0	4,316
Illinois .....	0	78	14,657	0	0	14,735
Indiana .....	0	6,416	217,204	0	5,951	229,570
Iowa .....	0	3,076	17,122	0	151	20,349
Kansas .....	0	10,333	43,372	1	5,422	59,127
Kentucky .....	4	3,606	37,972	0	12	41,593
Louisiana .....	0	6,672	288,413	0	127,265	422,350
Maine .....	0	0	539	0	0	539
Maryland .....	1,332	9,744	32,245	15	1,496	44,832
Massachusetts .....	0	21,707	28,440	4	6,345	56,495
Michigan .....	0	870	11,969	0	66	12,906
Minnesota .....	91	25,797	57,246	38	1,455	84,626
Mississippi .....	0	1,516	37,722	5	55,109	94,353
Missouri .....	0	1,941	8,603	0	953	11,497
Montana .....	0	365	9,036	0	301	9,702
Nebraska .....	0	4,873	7,718	0	1,570	14,161
Nevada .....	0	328	15	5	275	623
New Hampshire .....	0	0	2,139	0	0	2,139
New Jersey .....	0	25,954	119,052	0	5,021	150,027
New Mexico .....	0	87	2,966	0	2,814	5,867
New York .....	3,516	37,170	68,361	0	129,051	238,098
North Carolina .....	0	619	77,208	0	2,356	80,184
North Dakota .....	0	2,666	7,041	0	0	9,707
Ohio .....	34	5,209	48,004	0	1,344	54,591
Oklahoma .....	0	1,876	114,185	0	16,261	132,322
Oregon .....	0	431	46,157	0	0	46,588
Pennsylvania .....	0	19,910	62,990	11	4,147	87,059
Rhode Island .....	0	193	1,071	0	0	1,264
South Carolina .....	0	3,773	77,510	0	1,715	82,998
South Dakota .....	0	900	4,222	0	0	5,123
Tennessee .....	0	5,440	74,408	0	688	80,536
Texas .....	0	13,761	972,433	3	419,121	1,405,318
Utah .....	0	6,733	29,397	1	506	36,636
Vermont .....	0	0	1,820	0	24	1,844
Virginia .....	0	14,319	31,548	21	5,770	51,658
Washington .....	0	9,909	19,357	100	1,064	30,430
West Virginia .....	23	19,284	31,457	0	0	50,764
Wisconsin .....	0	8,453	122,419	23	5,299	136,194
Wyoming .....	0	778	32,190	0	0	32,968
<b>Total .....</b>	<b>5,301</b>	<b>358,802</b>	<b>3,481,986</b>	<b>258</b>	<b>989,185</b>	<b>4,835,532</b>

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 21. Natural Gas Deliveries to Commercial Consumers by State, 1996**  
(Million Cubic Feet)

State	Firm			Interruptible			Total Volume
	Sales Volume	Transported Volume	Total Volume	Sales Volume	Transported Volume	Total Volume	
Alabama .....	22,814	2,915	25,728	716	2,556	3,272	29,000
Alaska .....	16,996	9,990	26,986	329	0	329	27,315
Arizona .....	24,580	4,155	28,735	97	154	252	28,987
Arkansas .....	25,101	1,545	26,647	4,354	5	4,359	31,006
California .....	123,837	71,282	195,119	4,700	35,249	39,949	235,068
Colorado .....	63,227	2,300	65,526	986	2,402	3,388	68,914
Connecticut .....	24,853	4,872	29,725	9,740	321	10,061	39,786
D.C. ....	6,961	0	6,961	4,563	4,823	9,386	16,347
Delaware .....	6,694	0	6,694	0	0	0	6,694
Florida .....	40,003	673	40,677	603	531	1,134	41,810
Georgia .....	49,758	0	49,758	7,972	3,646	11,618	61,377
Hawaii .....	1,865	0	1,865	267	0	267	2,132
Idaho .....	9,962	1,543	11,506	0	0	0	11,506
Illinois .....	117,485	100,490	217,976	74	4	78	218,054
Indiana .....	79,886	1,154	81,040	4,315	2,101	6,416	87,456
Iowa .....	44,829	6,666	51,495	3,014	62	3,076	54,571
Kansas .....	39,975	6,922	46,897	1,055	9,278	10,333	57,229
Kentucky .....	35,475	1,891	37,366	1,724	1,882	3,606	40,972
Louisiana .....	18,849	225	19,074	6,446	226	6,672	25,746
Maine .....	2,566	0	2,566	0	0	0	2,566
Maryland .....	34,802	1,295	36,098	7,306	2,438	9,744	45,842
Massachusetts .....	65,981	8,499	74,480	5,895	15,812	21,707	96,187
Michigan .....	134,708	65,813	200,521	61	809	870	201,390
Minnesota .....	70,923	1,817	72,740	23,846	1,951	25,797	98,537
Mississippi .....	20,222	486	20,708	1,418	98	1,516	22,225
Missouri .....	58,335	12,526	70,861	1,478	463	1,941	72,802
Montana .....	13,552	906	14,458	24	341	365	14,823
Nebraska .....	23,713	12,247	35,960	4,873	0	4,873	40,833
Nevada .....	15,149	4,944	20,093	0	328	328	20,421
New Hampshire .....	6,881	218	7,099	0	0	0	7,099
New Jersey .....	91,554	32,925	124,479	18,779	7,175	25,954	150,432
New Mexico .....	17,028	9,351	26,379	87	0	87	26,466
New York .....	167,793	48,111	215,904	27,146	10,024	37,170	253,075
North Carolina .....	38,604	1,243	39,847	453	166	619	40,467
North Dakota .....	9,484	0	9,484	1,212	1,454	2,666	12,150
Ohio .....	135,768	48,989	184,757	588	4,620	5,209	189,966
Oklahoma .....	37,795	6,481	44,276	1,192	684	1,876	46,152
Oregon .....	25,166	0	25,166	0	431	431	25,597
Pennsylvania .....	97,885	36,847	134,732	10,949	8,961	19,910	154,642
Rhode Island .....	11,094	1,010	12,105	193	0	193	12,298
South Carolina .....	16,357	199	16,555	3,773	0	3,773	20,328
South Dakota .....	8,997	1,701	10,698	593	308	900	11,598
Tennessee .....	51,444	1,613	53,058	3,737	1,702	5,440	58,497
Texas .....	143,454	21,334	164,788	5,627	8,134	13,761	178,549
Utah .....	22,451	360	22,811	1,732	5,000	6,733	29,543
Vermont .....	2,825	0	2,825	0	0	0	2,825
Virginia .....	41,957	2,986	44,943	8,593	5,726	14,319	59,262
Washington .....	36,581	1,649	38,230	4,763	5,146	9,909	48,139
West Virginia .....	6,573	2,168	8,741	9,189	10,095	19,284	28,025
Wisconsin .....	80,983	4,380	85,363	4,985	3,468	8,453	93,816
Wyoming .....	7,672	1,271	8,943	679	99	778	9,721
<b>Total .....</b>	<b>2,251,449</b>	<b>547,993</b>	<b>2,799,442</b>	<b>200,127</b>	<b>158,675</b>	<b>358,802</b>	<b>3,158,244</b>

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 22. Natural Gas Deliveries to Industrial Consumers by State, 1996**  
(Million Cubic Feet)

State	Firm			Interruptible			Total Volume
	Sales Volume	Transported Volume	Total Volume	Sales Volume	Transported Volume	Total Volume	
Alabama .....	19,375	69,924	89,299	26,077	86,038	112,115	201,414
Alaska .....	48,590	24,167	72,757	0	2,859	2,859	75,616
Arizona .....	4,903	20,553	25,456	405	1,117	1,522	26,979
Arkansas .....	9,278	113,282	122,560	9,085	9,655	18,740	141,300
California .....	60,919	336,910	397,828	10,438	285,273	295,711	693,539
Colorado .....	4,076	29,540	33,616	13,923	36,101	50,024	83,640
Connecticut .....	14,016	1,100	15,116	13,426	3,908	17,334	32,451
Delaware .....	3,422	8,882	12,303	1,861	0	1,861	14,164
Florida .....	7,100	47,964	55,063	10,432	71,227	81,659	136,722
Georgia .....	13,967	30,167	44,133	44,609	93,026	137,635	181,768
Idaho .....	430	29,831	30,261	67	4,249	4,316	34,577
Illinois .....	41,208	266,410	307,618	2,805	11,852	14,657	322,275
Indiana .....	34,954	37,062	72,016	13,030	204,173	217,204	289,219
Iowa .....	5,809	91,065	96,874	4,430	12,692	17,122	113,995
Kansas .....	5,497	61,425	66,922	2,920	40,452	43,372	110,294
Kentucky .....	17,425	39,084	56,509	8,207	29,765	37,972	94,481
Louisiana .....	78,448	681,571	760,019	27,708	260,705	288,413	1,048,432
Maine .....	1,453	197	1,650	539	0	539	2,190
Maryland .....	441	17,336	17,777	5,396	26,850	32,245	50,022
Massachusetts .....	17,719	53,856	71,575	8,181	20,259	28,440	100,015
Michigan .....	30,355	304,718	335,074	1,120	10,849	11,969	347,043
Minnesota .....	5,397	39,829	45,226	36,880	20,366	57,246	102,471
Mississippi .....	15,250	27,914	43,165	18,503	19,219	37,722	80,887
Missouri .....	13,216	49,714	62,930	4,661	3,942	8,603	71,533
Montana .....	619	8,448	9,067	2	9,034	9,036	18,103
Nebraska .....	3,189	25,217	28,407	4,179	3,539	7,718	36,125
Nevada .....	533	32,058	32,591	0	15	15	32,606
New Hampshire .....	1,233	1,544	2,777	1,490	649	2,139	4,916
New Jersey .....	17,263	64,618	81,881	87,589	31,463	119,052	200,933
New Mexico .....	809	19,083	19,892	0	2,966	2,966	22,858
New York .....	21,669	232,631	254,300	9,935	58,426	68,361	322,661
North Carolina .....	17,577	9,338	26,915	44,260	32,949	77,208	104,124
North Dakota .....	82	788	870	2,016	5,025	7,041	7,911
Ohio .....	24,338	274,808	299,145	1,078	46,925	48,004	347,149
Oklahoma .....	3,257	83,582	86,838	9,951	104,234	114,185	201,024
Oregon .....	10,080	31,517	41,597	5,732	40,425	46,157	87,754
Pennsylvania .....	33,526	146,983	180,509	11,428	51,562	62,990	243,499
Rhode Island .....	3,287	21,472	24,759	1,071	0	1,071	25,829
South Carolina .....	13,536	4,447	17,983	68,395	9,116	77,510	95,493
South Dakota .....	1,033	1,927	2,960	734	3,488	4,222	7,182
Tennessee .....	26,794	25,343	52,137	32,701	41,708	74,408	126,545
Texas .....	414,302	751,420	1,165,722	15,011	957,422	972,433	2,138,155
Utah .....	1,404	11,412	12,816	2,385	27,012	29,397	42,213
Vermont .....	133	0	133	1,820	0	1,820	1,953
Virginia .....	7,081	45,728	52,809	8,112	23,435	31,548	84,357
Washington .....	24,844	70,035	94,879	3,059	16,297	19,357	114,236
West Virginia .....	3,123	15,417	18,540	4,031	27,426	31,457	49,997
Wisconsin .....	23,323	3,775	27,098	31,117	91,302	122,419	149,517
Wyoming .....	632	17,431	18,063	823	31,367	32,190	50,253
<b>Total .....</b>	<b>1,106,914</b>	<b>4,281,522</b>	<b>5,388,436</b>	<b>611,623</b>	<b>2,870,363</b>	<b>3,481,986</b>	<b>8,870,422</b>

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.  
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 23. Natural Gas Deliveries to Electric Utilities by State, 1996**  
(Million Cubic Feet)

State	Firm			Interruptible			Total Volume
	Sales Volume	Transported Volume	Total Volume	Sales Volume	Transported Volume	Total Volume	
Alabama .....	0	3,511	3,511	384	1,589	1,973	5,484
Alaska .....	21,047	9,116	30,163	661	0	661	30,824
Arizona .....	30	26,594	26,624	0	68	68	26,692
Arkansas .....	1,158	24,038	25,197	280	2,404	2,684	27,880
California .....	572	150,978	151,550	43,061	112,959	156,020	307,570
Colorado .....	1,207	2,898	4,105	97	586	683	4,788
Connecticut .....	0	7,601	7,601	1,648	826	2,474	10,075
Delaware .....	2,381	19,088	21,468	510	0	510	21,979
Florida .....	1,056	246,903	247,959	4	22,557	22,560	270,519
Georgia .....	4,575	0	4,575	0	0	0	4,575
Illinois .....	3,824	24,894	28,718	0	0	0	28,718
Indiana .....	1,463	423	1,886	0	5,951	5,951	7,837
Iowa .....	558	2,141	2,699	31	120	151	2,850
Kansas .....	1,005	7,123	8,128	0	5,422	5,422	13,550
Kentucky .....	648	0	648	12	0	12	660
Louisiana .....	16,362	81,223	97,584	6,454	120,811	127,265	224,849
Maryland .....	0	8,228	8,228	206	1,290	1,496	9,724
Massachusetts .....	1,252	38,159	39,411	5,044	1,301	6,345	45,756
Michigan .....	379	26,007	26,385	6	60	66	26,452
Minnesota .....	2,097	0	2,097	1,455	0	1,455	3,551
Mississippi .....	0	2,979	2,979	671	54,438	55,109	58,088
Missouri .....	31	1,848	1,879	952	0	953	2,832
Montana .....	141	0	141	0	301	301	442
Nebraska .....	132	0	132	1,067	503	1,570	1,702
Nevada .....	0	46,764	46,764	0	275	275	47,039
New Jersey .....	12,554	8,310	20,864	772	4,249	5,021	25,885
New Mexico .....	2,930	10,953	13,883	148	2,665	2,814	16,697
New York .....	8,644	4,804	13,448	129,051	0	129,051	142,499
North Carolina .....	7	0	7	1,778	578	2,356	2,363
North Dakota .....	3	0	3	0	0	0	3
Ohio .....	359	983	1,342	24	1,320	1,344	2,686
Oklahoma .....	1,803	125,444	127,247	15,880	381	16,261	143,508
Oregon .....	0	13,127	13,127	0	0	0	13,127
Pennsylvania .....	734	928	1,662	19	4,128	4,147	5,809
Rhode Island .....	0	25,046	25,046	0	0	0	25,046
South Carolina .....	3	0	3	1,715	0	1,715	1,718
Tennessee .....	0	0	0	263	425	688	688
Texas .....	302,706	177,202	479,907	17,669	401,452	419,121	899,028
Utah .....	0	3,559	3,559	58	448	506	4,065
Vermont .....	0	0	0	24	0	24	24
Virginia .....	0	8,632	8,632	36	5,734	5,770	14,402
Washington .....	0	5,525	5,525	0	1,064	1,064	6,589
West Virginia .....	0	157	157	0	0	0	157
Wisconsin .....	1,957	0	1,957	2,895	2,404	5,299	7,256
Wyoming .....	61	0	61	0	0	0	61
<b>Total .....</b>	<b>391,680</b>	<b>1,115,185</b>	<b>1,506,864</b>	<b>232,874</b>	<b>756,311</b>	<b>989,185</b>	<b>2,496,050</b>

Notes: Deliveries to electric utilities are reported on Form EIA-759, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not equal sum of the components due to independent rounding.  
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

## Consumer Prices

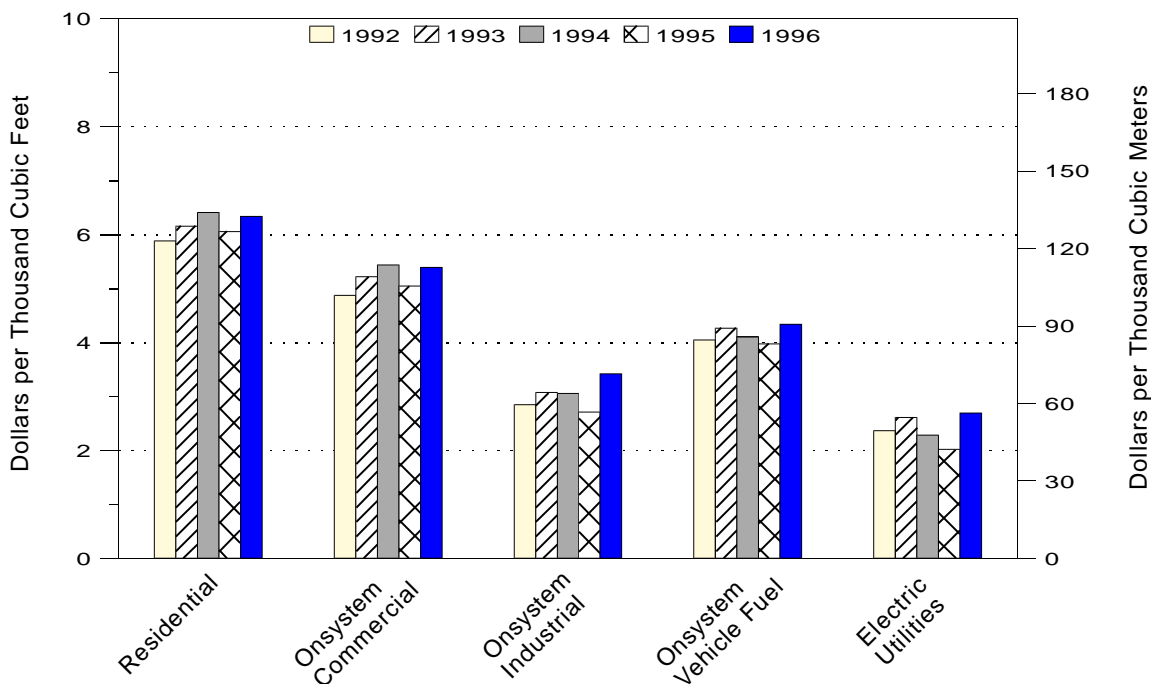
During 1996, the price of natural gas from the wellhead to the burner tip rebounded from the low levels seen in 1995. Following the sharp rise in price at the wellhead, prices at the city gate and for sales to the industrial and electric utility sectors rose greatly. By contrast, prices paid for deliveries to the residential and commercial sectors showed comparatively modest increases and were slightly lower than in 1994.

Over the year, the prices in the industrial and electric utility sectors, the end use sectors with the greatest consumption per customer, showed substantial increases of 26 percent and 33 percent, respectively. Among the onsystem sales customers, industrials and electric utilities are large volume customers with relatively high load factors which enable them to take advantage of economies of scale in purchases. They also are in a better position to elect whether to stay

with their local distribution company (LDC) or seek supplies from alternate sources. Because the price of natural gas paid by electric utilities is monitored by a survey that goes directly to the utility, the coverage of the electric utility price is much greater than that for the industrial price.

Prices rose much more modestly in the residential and commercial sectors, 5 percent and 7 percent, respectively. These consumers pay higher prices for gas than industrial and electric utility consumers because they have fewer options for service and require high quality service during periods of peak demand. Also they may be paying an increasing share of the fixed costs of long distance transportation and local distribution as more customers choose to purchase gas from third parties in place of local distribution companies (LDC's). A discussion of prices by each sector follows.

**Figure 13. Average Price of Natural Gas Delivered to Consumers in the United States, 1992-1996**



Notes: Onsystem sales deliveries represent 77.6 percent of commercial deliveries, 19.4 percent of industrial deliveries, and 94.0 percent of vehicle fuel deliveries in 1995. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Federal Energy Regulatory Commission (FERC), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

## **City Gate**

City gate prices represent the total cost paid by gas distribution companies for gas received at the point where the gas is physically transferred from a pipeline company or transmission system. This price is intended to reflect all charges for the acquisition, storage, and transportation of gas as well as other charges associated with the LDC's obtaining the gas for sale to consumers. Prices paid at the city gate by local distribution companies rose substantially between 1995 and 1996, climbing from \$2.78 per thousand cubic feet to \$3.27, an increase of 18 percent.

## **Residential**

Residential consumers pay the highest price for natural gas. It increased to \$6.34 per thousand cubic feet from the 1995 price of \$6.06 per thousand cubic feet. However, the 1996 price was 1 percent lower than the 1994 price. In recent years, only modest changes in constant dollars have been seen for residential prices (Figure 14). These consumers remain tied to LDC service in all but a few States.

## **Commercial**

Commercial customers pay the second-highest price for gas. In 1996, these customers paid an average price of \$5.40 per thousand cubic feet, 7 percent more than the price of \$5.05 seen in 1995. Like the residential sector, the 1996 price for the commercial sector was also 1 percent lower than the 1994 price.

The percentage of deliveries for the account of others to the commercial sector has grown substantially since 1993 from 16 percent of commercial volume deliveries to 22 percent in 1996. Still, the price reflects nearly 80 percent of commercial volumes.

## **Industrial**

Deliveries for the account of others in the industrial sector represented about 81 percent of all deliveries to that sector during 1996. Thus, the prices in this report for industrial deliveries are associated with a relatively small proportion of deliveries in most States. Prices for gas purchased by the industrial customers who continue to buy from LDC suppliers rose sharply from \$2.71 per thousand cubic feet in 1995 to \$3.42 in 1996, a 26 percent increase. This rise was influenced by the increase in wellhead price during the latter part of the year.

## **Vehicle Fuel**

Most of the natural gas delivered for vehicle fuel represents deliveries to refueling stations that are used primarily or exclusively by fleet vehicles. Thus, the prices are often those associated with the operation of fleet vehicles and may be based on internal transfer prices for companies primarily in the natural gas business. The price for deliveries for vehicle fuel use was \$4.34 per thousand cubic feet in 1996 and was associated with a very small volume of deliveries.

## **Electric Utilities**

Electric utility prices reflect consumption by all large electric utilities and do not include gas consumed by nonutility power producers. Between 1995 and 1996 the price paid by electric utilities for natural gas saw the greatest increase of all consuming sectors, 33 percent. It climbed from \$2.02 per thousand cubic feet to \$2.69.

## **Coverage**

Coverage for prices varies by consumer sector as discussed below. All average prices are computed by dividing the reported revenue by its associated sales volume. Prices for deliveries of natural gas to consumers, except electric utilities, are calculated from reports to Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." City gate prices are calculated from reports to the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." Both of these forms are completed by companies that deliver natural gas to end-use consumers.

With the unbundling of services in the natural gas industry, pipeline and local distribution companies provide transportation service for their end-user customers. In this report, those volumes are described as deliveries of gas for the account of others. When companies that deliver gas are the sellers of that gas, they are able to report the associated revenue to the Energy Information Administration. Those volumes are described as onsystem sales. When the firm that physically delivers gas to the end user acts as a transportation agent, it does not know the sales price of the gas. Respondents, therefore, do not report a revenue amount associated with deliveries for the account of others in their submissions of the Form EIA-176.

**City gate:** Prices for gas delivered to the city gate represent all of the volumes of gas delivered. Since these prices are reported on a monthly form, the annual average city gate price is calculated by summing the monthly revenues reported and dividing that figure by the sum of the monthly reported volumes.

**Residential:** Prices in this publication for the residential sector cover nearly all of the volumes of gas delivered.

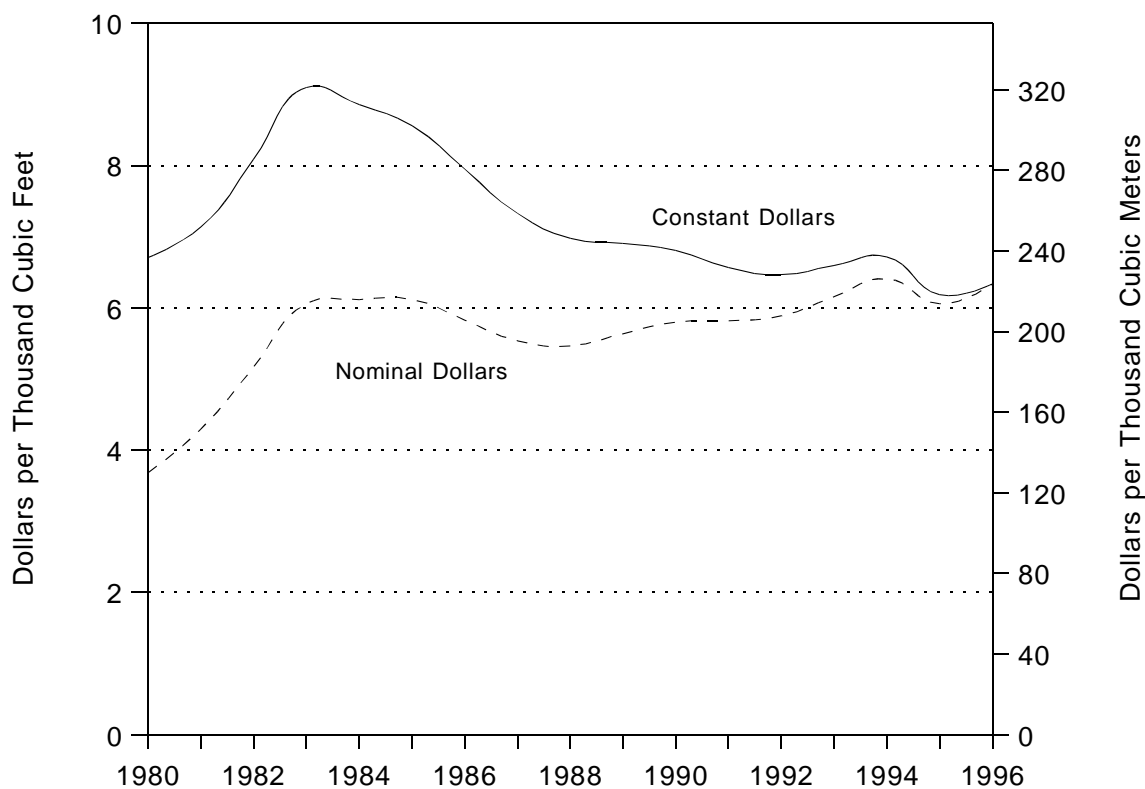
**Commercial and Industrial:** Prices for the commercial and industrial sectors are often associated with relatively small volumes of the total gas delivered because they are reported by those that deliver gas and not by either the gas resellers or by the consumers. Beginning with the reporting of 1996 data, the EIA has changed the customer classification used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. This change affects the calculation of prices because these volumes and revenues previously classified as commercial are now classified as industrial. Separate reports of the volumes and revenues affected are not available so the direct impact of this change is not known.

Facilities that generate electricity but are not regulated are known as nonutility power producers. A nonutility power producer may be a commercial facility, an industrial facility, or a facility that produces electricity for resale. Deliveries

of natural gas to nonutility power producers are reported on the Form EIA-176. The volumes and associated revenues for deliveries to nonutility producers who are primarily commercial establishments are included in the calculation of commercial prices. Those for deliveries to both nonutility producers who are primarily industrial establishments and nonutility establishments that produce electricity for resale are included in the calculation of industrial prices.

**Electric Utilities:** Prices for natural gas are also reported to the EIA on the Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," a consumer survey form. Electric utility prices in this report are taken from this form. The respondents are all large regulated electric utilities that report consumption and prices of fuels and represent most of the volumes delivered to electric utilities. These prices are also published in the EIA report, *Cost and Quality of Fuels for Electric Utility Plants*. Prices to electric utilities, because they are derived from a survey of the utilities themselves, represent most of the volumes consumed by this sector.

**Figure 14. Average Price of Natural Gas Delivered to Residential Consumers, 1980-1996**



Sources: Nominal dollars: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Constant dollars: Prices were converted to 1995 dollars using the chain-type price indexes for Gross Domestic Product (1992 = 1.0) as published by the U. S. Department of Commerce, Bureau of Economic Analysis.

**Figure 15. Average City Gate Price of Natural Gas in the United States, 1996**  
(Dollars per Thousand Cubic Feet)



Source: Energy Information Administration (EIA), Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."



**Table 24. Average City Gate Price of Natural Gas in the United States, 1992-1996**  
(Dollars per Thousand Cubic Feet)

State	Average Price				
	1992	1993	1994	1995	1996
Alabama .....	3.21	3.51	3.44	2.89	3.48
Alaska .....	0.34	0.33	1.62	1.67	1.58
Arizona .....	2.33	2.62	2.53	2.10	2.78
Arkansas .....	2.60	2.66	2.54	2.32	2.76
California .....	2.72	2.85	2.57	2.03	2.59
Colorado .....	2.85	2.95	3.31	2.65	2.70
Connecticut .....	3.73	3.87	4.17	4.70	5.11
Delaware .....	2.83	3.24	2.95	2.70	3.68
Florida .....	2.61	2.76	2.78	2.74	3.73
Georgia .....	3.28	3.77	3.54	2.96	3.77
Hawaii .....	7.72	5.61	4.94	5.20	6.05
Idaho .....	2.18	2.26	2.46	2.18	2.24
Illinois .....	3.20	3.30	3.02	2.59	3.27
Indiana .....	3.08	3.18	2.98	2.84	3.09
Iowa .....	3.20	3.24	3.15	2.82	3.47
Kansas .....	2.50	2.80	2.86	2.36	3.05
Kentucky .....	3.02	3.21	3.13	2.80	3.41
Louisiana .....	2.48	2.72	2.54	2.21	3.13
Maine .....	3.17	3.69	2.98	3.35	4.30
Maryland .....	3.20	3.53	3.38	2.87	4.02
Massachusetts .....	3.52	3.98	3.98	3.53	3.98
Michigan .....	3.04	2.89	2.70	2.61	2.90
Minnesota .....	2.92	3.11	2.85	2.52	3.07
Mississippi .....	2.62	2.90	2.83	2.53	3.27
Missouri .....	2.86	3.20	3.05	2.73	3.25
Montana .....	3.45	3.29	3.49	3.01	3.03
Nebraska .....	2.91	3.46	2.98	2.49	3.07
Nevada .....	2.37	3.03	3.18	2.73	3.10
New Hampshire .....	3.58	3.76	3.49	3.39	4.20
New Jersey .....	3.29	3.54	3.33	3.34	3.84
New Mexico .....	2.25	2.39	2.02	1.46	1.99
New York .....	3.01	3.32	3.02	2.47	3.36
North Carolina .....	2.88	3.15	3.27	2.95	3.74
North Dakota .....	3.28	3.29	3.15	2.58	2.94
Ohio .....	3.26	3.52	3.48	3.84	4.37
Oklahoma .....	2.22	2.45	2.46	2.52	2.56
Oregon .....	2.34	2.48	2.73	2.42	2.42
Pennsylvania .....	3.29	3.41	3.46	3.09	2.68
Rhode Island .....	3.82	4.41	4.17	3.57	4.41
South Carolina .....	3.23	3.54	3.67	3.25	3.90
South Dakota .....	3.10	3.35	3.35	2.88	3.19
Tennessee .....	2.90	2.93	2.71	2.71	4.04
Texas .....	3.06	3.32	3.00	2.95	3.22
Utah .....	4.09	2.63	3.31	2.88	2.25
Vermont .....	2.93	2.96	3.11	2.61	2.74
Virginia .....	2.91	3.33	3.44	2.92	3.89
Washington .....	1.90	2.39	2.54	2.18	2.44
West Virginia .....	3.23	3.39	3.26	2.85	3.36
Wisconsin .....	3.36	3.70	3.42	2.83	3.43
Wyoming .....	2.90	2.80	2.91	2.72	2.36
<b>Total .....</b>	<b>3.01</b>	<b>3.21</b>	<b>3.07</b>	<b>2.78</b>	<b>3.27</b>

Source: Energy Information Administration (EIA), Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

**Table 25. Average Price of Natural Gas Delivered to Residential Consumers by State, 1992-1996**  
(Dollars per Thousand Cubic Feet)

State	1992	1993	1994	1995	1996
Alabama .....	6.74	7.10	7.41	6.86	7.22
Alaska .....	3.79	3.96	3.60	3.63	3.42
Arizona .....	7.24	7.20	7.54	7.82	7.52
Arkansas .....	5.10	5.38	5.71	5.48	5.92
California .....	5.97	6.23	6.39	6.42	6.44
Colorado .....	4.56	4.52	4.92	4.80	4.39
Connecticut .....	8.96	9.43	10.14	10.00	10.08
D.C. ....	7.61	8.34	8.29	8.03	9.19
Delaware .....	6.13	6.70	7.43	6.60	7.12
Florida .....	9.08	10.02	9.98	9.85	10.74
Georgia .....	6.44	6.80	7.32	6.18	6.69
Hawaii .....	18.03	17.51	16.83	17.55	19.81
Idaho .....	5.23	5.38	5.29	5.59	5.20
Illinois .....	5.09	5.52	5.50	4.66	5.28
Indiana .....	5.43	5.76	6.24	5.37	5.54
Iowa .....	5.23	5.48	5.40	5.09	5.49
Kansas .....	4.70	4.91	5.11	4.91	5.59
Kentucky .....	5.01	5.25	5.46	5.05	5.54
Louisiana .....	5.60	6.09	6.24	6.01	6.76
Maine .....	6.95	7.47	7.83	7.32	7.84
Maryland .....	6.43	7.08	6.95	6.62	7.60
Massachusetts .....	7.92	8.33	8.94	9.04	8.88
Michigan .....	5.06	5.04	4.98	4.72	4.96
Minnesota .....	4.86	5.31	5.18	4.80	5.46
Mississippi .....	4.95	5.23	5.46	5.28	5.72
Missouri .....	5.11	5.37	5.43	5.16	5.97
Montana .....	4.80	4.92	5.23	5.15	4.86
Nebraska .....	4.82	4.96	5.01	4.83	4.88
Nevada .....	5.59	5.69	6.66	6.76	6.19
New Hampshire .....	7.55	7.66	7.96	7.16	7.40
New Jersey .....	6.94	6.99	7.11	7.27	7.16
New Mexico .....	4.75	5.46	5.61	5.04	4.47
New York .....	7.58	8.15	8.75	8.42	8.90
North Carolina .....	6.60	6.99	7.30	6.93	7.59
North Dakota .....	5.00	5.23	5.19	4.66	4.54
Ohio .....	5.20	5.71	5.88	5.46	5.90
Oklahoma .....	4.96	4.94	5.50	5.56	5.64
Oregon .....	6.17	6.42	6.99	6.74	6.31
Pennsylvania .....	6.60	6.84	7.44	7.16	7.38
Rhode Island .....	7.68	8.17	9.12	8.02	8.49
South Carolina .....	7.03	7.14	7.65	7.54	7.41
South Dakota .....	5.15	5.30	5.27	5.05	5.25
Tennessee .....	5.50	5.69	6.13	5.77	6.26
Texas .....	5.78	5.91	5.99	5.92	5.89
Utah .....	5.44	5.13	4.96	4.74	4.47
Vermont .....	6.70	6.19	6.94	6.82	6.40
Virginia .....	6.69	7.51	7.63	7.18	7.94
Washington .....	5.00	5.23	5.70	5.89	5.65
West Virginia .....	6.31	6.45	6.66	7.05	7.02
Wisconsin .....	5.87	6.34	6.28	5.82	6.04
Wyoming .....	4.72	4.77	5.10	4.83	4.26
<b>Total .....</b>	<b>5.89</b>	<b>6.16</b>	<b>6.41</b>	<b>6.06</b>	<b>6.34</b>

Source: Energy Information Administration (EIA), Form-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 26. Average Prices of Natural Gas to Consumers by State, 1996**  
(Dollars per Thousand Cubic Feet)

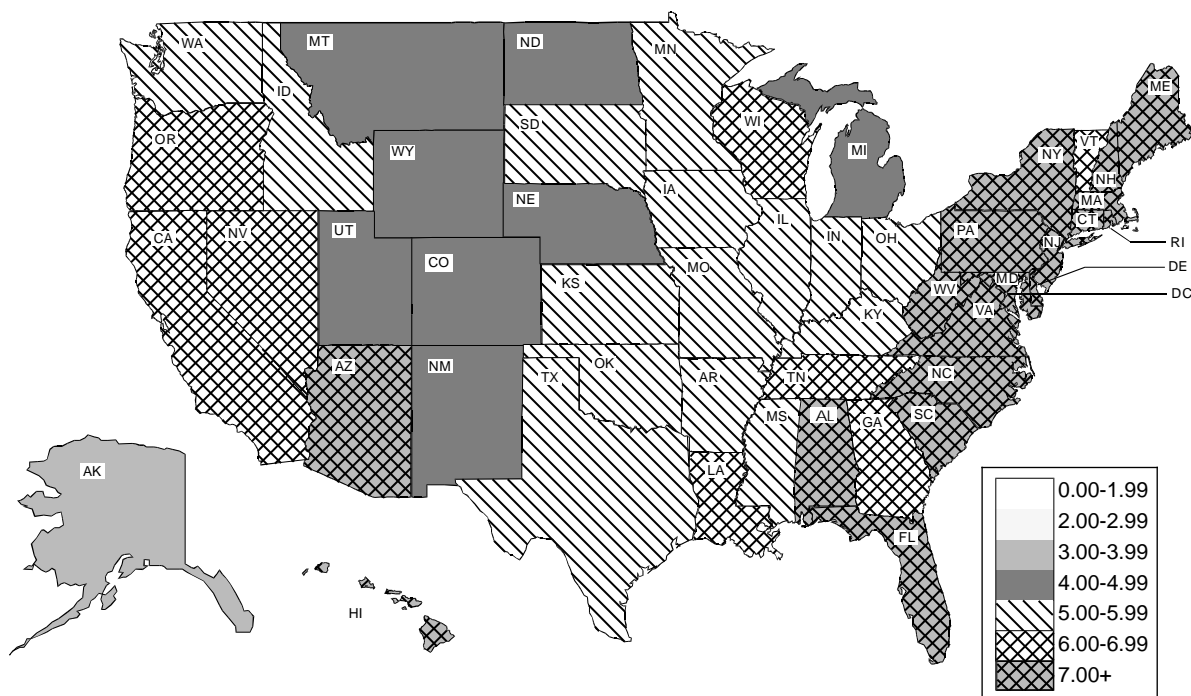
State	Commercial		Industrial		Vehicle Fuel		Electric Utilities
	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered	Average Price
Alabama .....	6.19	81.1	3.64	22.6	2.92	100.0	2.95
Alaska .....	2.32	63.4	1.41	64.3	—	—	1.45
Arizona .....	5.02	85.1	3.80	19.7	3.45	100.0	3.03
Arkansas .....	4.68	95.0	3.28	13.0	3.86	100.0	2.52
California .....	5.96	54.7	3.77	10.3	4.75	89.3	2.75
Colorado .....	3.67	93.2	2.91	21.5	2.12	57.5	2.09
Connecticut .....	7.41	86.9	4.80	84.6	6.66	100.0	2.76
D.C. ....	7.37	70.5	—	—	4.94	100.0	—
Delaware .....	5.82	100.0	4.32	37.3	3.03	100.0	3.13
Florida .....	6.45	97.1	4.21	12.8	4.87	100.0	3.12
Georgia .....	5.89	94.1	4.40	32.2	3.86	100.0	2.88
Hawaii .....	14.40	100.0	—	—	—	—	—
Idaho .....	4.56	86.6	2.78	1.4	3.14	100.0	—
Illinois .....	4.92	53.9	4.12	13.7	3.44	99.1	2.62
Indiana .....	4.67	96.3	3.62	16.6	7.20	88.8	3.48
Iowa .....	4.59	87.7	3.63	9.0	2.70	100.0	3.23
Kansas .....	4.61	71.7	3.09	7.6	3.06	100.0	2.25
Kentucky .....	5.09	90.8	3.87	27.1	5.54	100.0	3.49
Louisiana .....	6.09	98.2	2.84	10.1	3.53	100.0	2.94
Maine .....	7.09	100.0	5.22	91.0	—	—	—
Maryland .....	6.08	91.9	5.36	11.7	3.82	100.0	3.11
Massachusetts .....	6.74	74.7	5.37	25.9	4.51	100.0	3.07
Michigan .....	4.75	66.9	3.87	9.1	3.38	100.0	0.74
Minnesota .....	4.63	96.2	2.97	41.3	3.42	100.0	2.18
Mississippi .....	5.22	97.4	3.43	41.7	2.51	98.7	2.78
Missouri .....	5.35	82.2	4.35	25.0	3.19	100.0	2.58
Montana .....	4.64	91.6	4.88	3.4	3.93	23.5	2.89
Nebraska .....	4.47	70.0	3.29	20.4	—	—	2.07
Nevada .....	4.91	74.2	4.90	1.6	3.53	100.0	2.12
New Hampshire .....	6.74	96.9	4.79	55.4	—	—	—
New Jersey .....	6.14	73.3	3.82	52.2	6.93	100.0	2.96
New Mexico .....	3.35	64.7	2.90	3.5	4.78	86.8	2.31
New York .....	6.88	77.0	5.04	9.8	5.47	97.3	2.96
North Carolina .....	6.18	96.5	4.37	59.4	—	—	3.11
North Dakota .....	3.91	88.0	3.02	26.5	1.54	99.7	2.93
Ohio .....	5.38	71.8	4.10	7.3	4.77	100.0	3.44
Oklahoma .....	4.71	84.5	3.26	6.6	2.36	100.0	2.98
Oregon .....	4.85	98.3	3.24	18.0	4.43	100.0	1.33
Pennsylvania .....	6.44	70.4	4.12	18.5	4.14	100.0	2.85
Rhode Island .....	7.50	91.8	4.67	16.9	3.34	100.0	2.29
South Carolina .....	6.26	99.0	3.77	85.8	2.87	100.0	4.56
South Dakota .....	4.20	82.7	3.50	24.6	3.76	100.0	2.36
Tennessee .....	5.72	94.3	3.92	47.0	5.49	100.0	2.61
Texas .....	4.27	83.5	2.58	20.1	3.34	100.0	2.51
Utah .....	3.38	81.9	2.10	9.0	4.49	100.0	1.83
Vermont .....	5.24	100.0	3.44	100.0	—	—	3.22
Virginia .....	5.93	85.3	4.07	18.0	2.80	100.0	2.98
Washington .....	4.81	85.9	2.67	24.4	2.62	100.0	4.98
West Virginia .....	6.03	56.2	2.76	14.3	2.20	100.0	2.99
Wisconsin .....	4.83	91.6	3.48	36.4	2.40	100.0	3.04
Wyoming .....	3.67	85.9	3.14	2.9	5.24	100.0	12.59
<b>Total .....</b>	<b>5.40</b>	<b>77.6</b>	<b>3.42</b>	<b>19.4</b>	<b>4.34</b>	<b>94.0</b>	<b>2.69</b>

— = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

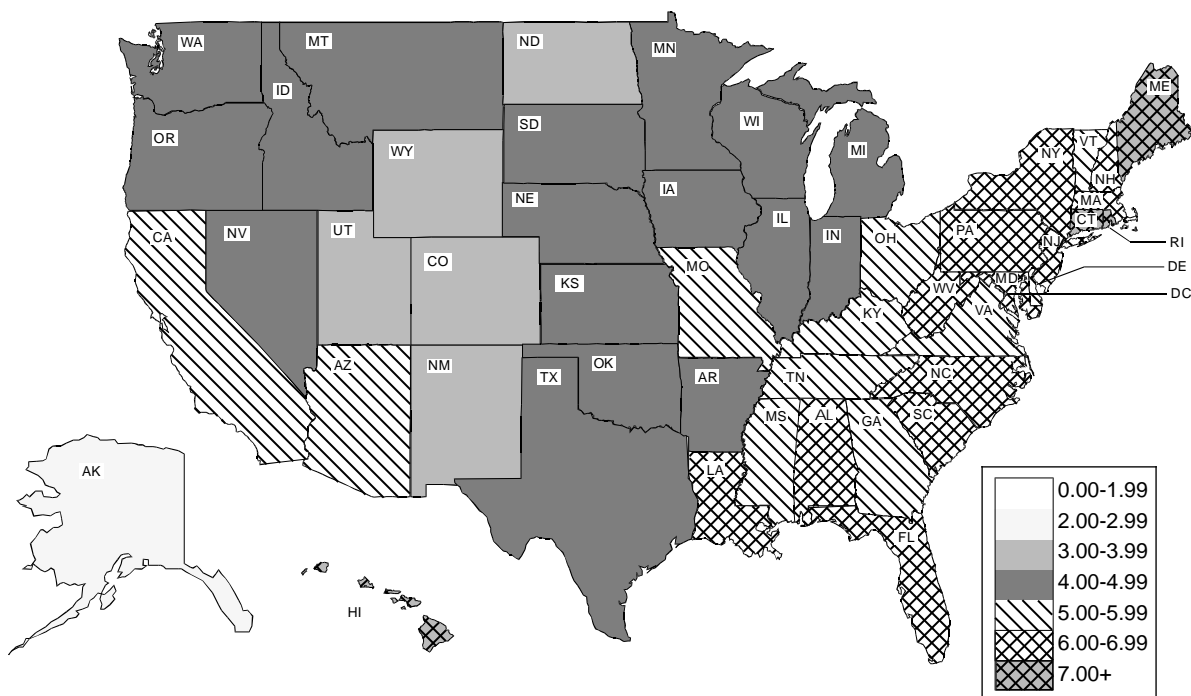
Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and Federal Energy Regulatory Commission (FERC), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Figure 16. Average Price of Natural Gas Delivered to U.S. Residential Consumers, 1996**  
(Dollars per Thousand Cubic Feet)



Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 17. Average Price of Natural Gas Delivered to U.S. Onsystem Commercial Consumers, 1996**  
(Dollars per Thousand Cubic Feet)



Notes: Commercial prices include natural gas delivered for use as vehicle fuel. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

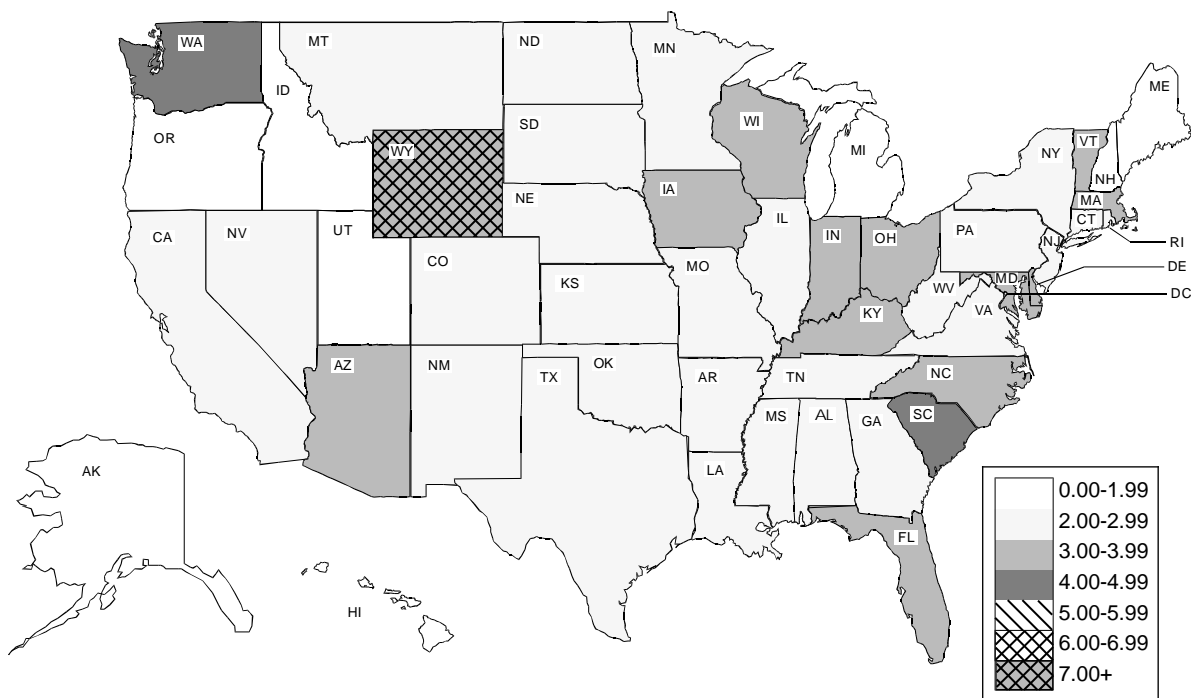
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 18. Average Price of Natural Gas Delivered to U.S. Onsystem Industrial Consumers, 1996**  
(Dollars per Thousand Cubic Feet)



Note: In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.  
Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 19. Average Price of Natural Gas Delivered to U.S. Electric Utilities, 1996**  
(Dollars per Thousand Cubic Feet)



Sources: Federal Energy Regulatory Commission (FERC), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 27. Prices of Natural Gas Deliveries to Commercial Consumers by State, 1996**  
(Dollars per Thousand Cubic Feet)

State	Firm		Interruptible		Total	
	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered	Total Average Price	Percentage of Total Volume Delivered
Alabama .....	6.23	88.7	4.95	21.9	6.19	81.1
Alaska .....	2.33	63.0	1.95	100.0	2.32	63.4
Arizona .....	5.02	85.5	4.20	38.7	5.02	85.1
Arkansas .....	4.71	94.2	4.55	99.9	4.68	95.0
California .....	6.04	63.5	3.84	11.8	5.96	54.7
Colorado .....	3.67	96.5	3.37	29.1	3.67	93.2
Connecticut .....	8.68	83.6	4.16	96.8	7.41	86.9
D.C. ....	8.83	100.0	5.15	48.6	7.37	70.5
Delaware .....	5.82	100.0	—	—	5.82	100.0
Florida .....	6.49	98.3	4.15	53.2	6.45	97.1
Georgia .....	6.09	100.0	4.66	68.6	5.89	94.1
Hawaii .....	15.03	100.0	10.04	100.0	14.40	100.0
Idaho .....	4.56	86.6	—	—	4.56	86.6
Illinois .....	4.92	53.9	3.96	94.5	4.92	53.9
Indiana .....	4.74	98.6	3.48	67.3	4.67	96.3
Iowa .....	4.67	87.1	3.46	98.0	4.59	87.7
Kansas .....	4.63	85.2	3.92	10.2	4.61	71.7
Kentucky .....	5.13	94.9	4.26	47.8	5.09	90.8
Louisiana .....	6.23	98.8	5.67	96.6	6.09	98.2
Maine .....	7.09	100.0	—	—	7.09	100.0
Maryland .....	6.34	96.4	4.81	75.0	6.08	91.9
Massachusetts .....	7.02	88.6	3.60	27.2	6.74	74.7
Michigan .....	4.75	67.2	4.04	7.0	4.75	66.9
Minnesota .....	5.14	97.5	3.11	92.4	4.63	96.2
Mississippi .....	5.32	97.7	3.70	93.5	5.22	97.4
Missouri .....	5.40	82.3	3.39	76.2	5.35	82.2
Montana .....	4.65	93.7	3.54	6.6	4.64	91.6
Nebraska .....	4.77	65.9	2.99	100.0	4.47	70.0
Nevada .....	4.91	75.4	—	—	4.91	74.2
New Hampshire .....	6.74	96.9	—	—	6.74	96.9
New Jersey .....	6.63	73.6	3.76	72.4	6.14	73.3
New Mexico .....	3.35	64.6	2.59	100.0	3.35	64.7
New York .....	7.25	77.7	4.56	73.0	6.88	77.0
North Carolina .....	6.19	96.9	5.20	73.2	6.18	96.5
North Dakota .....	4.11	100.0	2.34	45.4	3.91	88.0
Ohio .....	5.39	73.5	4.44	11.3	5.38	71.8
Oklahoma .....	4.72	85.4	4.16	63.5	4.71	84.5
Oregon .....	4.85	100.0	—	—	4.85	98.3
Pennsylvania .....	6.66	72.7	4.54	55.0	6.44	70.4
Rhode Island .....	7.56	91.7	3.97	100.0	7.50	91.8
South Carolina .....	6.74	98.8	4.19	100.0	6.26	99.0
South Dakota .....	4.33	84.1	2.26	65.8	4.20	82.7
Tennessee .....	5.87	97.0	3.67	68.7	5.72	94.3
Texas .....	4.34	87.1	2.28	40.9	4.27	83.5
Utah .....	3.49	98.4	1.89	25.7	3.38	81.9
Vermont .....	5.24	100.0	—	—	5.24	100.0
Virginia .....	6.12	93.4	5.01	60.0	5.93	85.3
Washington .....	4.96	95.7	3.60	48.1	4.81	85.9
West Virginia .....	6.45	75.2	5.74	47.7	6.03	56.2
Wisconsin .....	4.90	94.9	3.82	59.0	4.83	91.6
Wyoming .....	3.79	85.8	2.37	87.3	3.67	85.9
<b>Total .....</b>	<b>5.52</b>	<b>80.4</b>	<b>4.10</b>	<b>55.8</b>	<b>5.40</b>	<b>77.6</b>

— = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 28. Prices of Natural Gas Deliveries to Industrial Consumers by State, 1996**  
(Dollars per Thousand Cubic Feet)

State	Firm		Interruptible		Total	
	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered	Total Average Price	Percentage of Total Volume Delivered
Alabama .....	3.80	21.7	3.52	23.3	3.64	22.6
Alaska .....	1.41	66.8	—	—	1.41	64.3
Arizona .....	3.80	19.3	3.78	26.6	3.80	19.7
Arkansas .....	3.34	7.6	3.22	48.5	3.28	13.0
California .....	3.80	15.3	3.62	3.5	3.77	10.3
Colorado .....	2.03	12.1	3.16	27.8	2.91	21.5
Connecticut .....	5.54	92.7	4.02	77.5	4.80	84.6
Delaware .....	4.59	27.8	3.81	100.0	4.32	37.3
Florida .....	4.43	12.9	4.05	12.8	4.21	12.8
Georgia .....	5.12	31.6	4.17	32.4	4.40	32.2
Idaho .....	2.80	1.4	2.66	1.6	2.78	1.4
Illinois .....	4.19	13.4	3.22	19.1	4.12	13.7
Indiana .....	3.86	48.5	2.99	6.0	3.62	16.6
Iowa .....	3.99	6.0	3.17	25.9	3.63	9.0
Kansas .....	3.06	8.2	3.13	6.7	3.09	7.6
Kentucky .....	4.01	30.8	3.58	21.6	3.87	27.1
Louisiana .....	2.79	10.3	2.98	9.6	2.84	10.1
Maine .....	5.70	88.1	3.91	100.0	5.22	91.0
Maryland .....	6.40	2.5	5.27	16.7	5.36	11.7
Massachusetts .....	6.26	24.8	3.43	28.8	5.37	25.9
Michigan .....	3.87	9.1	3.96	9.4	3.87	9.1
Minnesota .....	4.65	11.9	2.73	64.4	2.97	41.3
Mississippi .....	3.45	35.3	3.41	49.1	3.43	41.7
Missouri .....	4.70	21.0	3.37	54.2	4.35	25.0
Montana .....	4.88	6.8	3.86	—	4.88	3.4
Nebraska .....	3.80	11.2	2.90	54.1	3.29	20.4
Nevada .....	4.90	1.6	—	—	4.90	1.6
New Hampshire .....	7.13	44.4	2.86	69.7	4.79	55.4
New Jersey .....	5.08	21.1	3.58	73.6	3.82	52.2
New Mexico .....	2.90	4.1	—	—	2.90	3.5
New York .....	5.50	8.5	4.04	14.5	5.04	9.8
North Carolina .....	4.48	65.3	4.32	57.3	4.37	59.4
North Dakota .....	3.44	9.4	3.01	28.6	3.02	26.5
Ohio .....	4.08	8.1	4.65	2.2	4.10	7.3
Oklahoma .....	3.37	3.8	3.22	8.7	3.26	6.6
Oregon .....	3.48	24.2	2.83	12.4	3.24	18.0
Pennsylvania .....	4.12	18.6	4.11	18.1	4.12	18.5
Rhode Island .....	5.07	13.3	3.44	100.0	4.67	16.9
South Carolina .....	4.59	75.3	3.61	88.2	3.77	85.8
South Dakota .....	3.66	34.9	3.29	17.4	3.50	24.6
Tennessee .....	4.46	51.4	3.48	43.9	3.92	47.0
Texas .....	2.54	35.5	3.68	1.5	2.58	20.1
Utah .....	2.62	11.0	1.80	8.1	2.10	9.0
Vermont .....	4.44	100.0	3.37	100.0	3.44	100.0
Virginia .....	4.56	13.4	3.65	25.7	4.07	18.0
Washington .....	2.62	26.2	3.13	15.8	2.67	24.4
West Virginia .....	2.58	16.8	2.90	12.8	2.76	14.3
Wisconsin .....	3.91	86.1	3.17	25.4	3.48	36.4
Wyoming .....	2.84	3.5	3.38	2.6	3.14	2.9
<b>Total .....</b>	<b>3.34</b>	<b>20.5</b>	<b>3.55</b>	<b>17.6</b>	<b>3.42</b>	<b>19.4</b>

— = Not applicable.

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 29. Prices of Natural Gas Deliveries to Electric Utilities by State, 1996**  
(Dollars per Thousand Cubic Feet)

State	Firm		Interruptible	
	Average Price	Percentage of Total Volume Delivered	Average Price	Percentage of Total Volume Delivered
Alabama .....	—	—	2.99	19.4
Alaska .....	1.34	69.8	0.32	100.0
Arizona .....	3.72	0.1	—	—
Arkansas .....	2.61	4.6	3.00	10.4
California .....	2.70	0.4	2.59	27.6
Colorado .....	2.22	29.4	2.72	14.2
Connecticut .....	—	—	2.62	66.6
Delaware .....	3.41	11.1	2.73	100.0
Florida .....	3.36	0.4	4.34	—
Georgia .....	1.96	100.0	—	—
Illinois .....	3.18	13.3	5.26	100.0
Indiana .....	3.71	77.6	—	—
Iowa .....	3.26	20.7	2.45	20.5
Kansas .....	2.36	12.4	—	—
Kentucky .....	3.42	100.0	2.49	100.0
Louisiana .....	2.96	16.8	2.80	5.1
Maryland .....	—	—	8.73	13.8
Massachusetts .....	2.84	3.2	2.69	79.5
Michigan .....	3.87	1.4	3.21	9.0
Minnesota .....	0.90	100.0	2.60	100.0
Mississippi .....	—	—	3.12	1.2
Missouri .....	4.37	1.7	2.30	100.0
Montana .....	3.20	100.0	—	—
Nebraska .....	1.51	100.0	2.43	67.9
New Jersey .....	2.93	60.2	3.01	15.4
New Mexico .....	2.60	21.1	2.23	5.3
New York .....	3.38	64.3	2.63	100.0
North Carolina .....	4.97	100.0	3.24	75.5
North Dakota .....	3.60	100.0	—	—
Ohio .....	4.96	26.7	3.47	1.8
Oklahoma .....	2.18	1.4	2.28	97.7
Pennsylvania .....	4.01	44.2	4.55	0.5
South Carolina .....	7.13	100.0	3.10	100.0
Tennessee .....	—	—	2.61	38.2
Texas .....	2.52	63.1	3.56	4.2
Utah .....	—	—	1.90	11.5
Vermont .....	—	—	3.23	100.0
Virginia .....	—	—	3.64	0.6
Wisconsin .....	3.39	100.0	2.90	54.6
Wyoming .....	3.36	100.0	—	—
<b>Total .....</b>	<b>2.52</b>	<b>26.0</b>	<b>2.69</b>	<b>23.5</b>

— = Not applicable.

Notes: States without direct sales are not included. Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."



**Table 30. Leading Suppliers of Natural Gas Sold to Residential Customers in the United States, 1996**  
(Volumes in Thousand Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Company	State	Volume	Prices
Northern Illinois Gas Co .....	IL	254,574,988	4.60
Southern California Gas Co .....	CA	233,632,354	6.89
Columbia Gas Dist Co .....	OH,KY,PA,MD	196,322,935	6.64
Pacific Gas and Elec Co .....	CA	190,864,262	5.83
Consumers Pwr Co .....	MI	188,587,672	4.81
Michigan Consol Gas Co .....	MI	160,809,168	5.16
East Ohio Gas Co .....	OH	146,802,045	5.44
Pub Svc Elec and Gas Co .....	NJ	140,712,209	6.62
Peoples Gas Lt and Coke Co .....	IL	126,356,925	6.40
Brooklyn Union Gas Co .....	NY	106,349,594	9.43
Atlanta Gas Lt Co .....	GA	106,075,815	6.66
Lone Star Gas Co .....	TX	98,544,045	5.83
Natl Fuel Gas Distr .....	NY,PA	88,901,558	7.87
Washington Gas Lt Co .....	VA,MD,DC	86,496,236	8.00
Pub Svc Co. of Colorado .....	CO	83,543,734	4.24
Entex Div of Noram Energy Corp .....	LA,TX,MS	75,439,947	6.21
Northern Indiana Pub Svc Co .....	IN	75,077,544	5.13
Minnegasco .....	MN	75,046,870	5.56
Southern Union Gas Co .....	MO,TX	70,407,952	5.80
Laclede Gas Co .....	MO	63,316,365	6.18
Western Resources Inc .....	KS,OK	62,389,342	5.66
MidAmerican Energy Co .....	NE,SD,IA,IL	61,731,905	5.49
Oklahoma Nat Gas Co .....	OK	60,798,816	5.57
Mountain Fuel Sply Co .....	ID,WY,UT	55,917,746	4.48
Niagara Mohawk Pwr Corp .....	NY	55,090,081	7.54
Con Edison Co. of New York Inc .....	NY	54,729,224	10.28
Peoples Nat Gas Co .....	IA,MN,NE,KS,SD,CO	53,415,636	4.86
Wisconsin Gas Co .....	WI	52,990,746	6.04
Philadelphia Gas Wks .....	PA	51,422,081	7.83
Arkla A Noram Energy Co .....	LA,AR,TX,OK	51,366,596	6.54
Indiana Gas Co. Inc .....	KY,IN	50,164,408	6.35
Northern States Pwr Co .....	MI,ND,MN,WI	48,169,247	5.62
Southwest Gas Corp .....	CA,AZ,NV	44,097,846	7.15
Illinois Pwr Co .....	IL	42,735,009	5.06
Washington Nat Gas Co .....	WA	42,594,656	5.87
Baltimore Gas and Elec Co .....	MD	42,127,579	7.60
Boston Gas Co .....	MA	41,595,034	9.52
Peoples Natural Gas Co .....	PA	40,111,369	7.27
Long Island Ltg Co .....	NY	39,815,005	10.42
New Jersey Nat Gas Co .....	NJ	37,141,179	8.40
Cincinnati Gas and Elec Co .....	OH	36,870,528	6.03
Wisconsin Elec Pwr Co .....	WI	36,616,776	5.98
Peco Energy Co .....	PA	36,323,145	7.22
Alabama Gas Corp .....	AL	34,714,351	7.11
Piedmont Nat Gas Co .....	SC,NC	32,047,804	7.54
Dayton Pwr and Lt Co .....	OH	31,200,897	4.99
San Diego Gas and Elec Co .....	CA	31,087,870	6.64
Equitable Gas Co .....	WV,KY,PA	30,548,688	8.89
Rochester Gas and Elec Co .....	NY	30,427,944	8.42
Northwest Nat Gas Co .....	WA,OR	29,475,876	6.24

Notes: Natural gas companies with the 50 largest amounts of on-system sales to residential consumers were selected from the respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Prices are calculated from the company total reported volumes of on-system sales to residential consumers and the total reported associated revenue. When more than one State of operation is indicated, the price has been calculated from the sum of the volumes and revenues reported by the company for all of the States shown.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 31. Leading Suppliers of Natural Gas Sold to Commercial Consumers in the United States, 1996**  
(Volumes in Thousand Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Company	State	Volume	Price
Pub Svc Elec and Gas Co.....	NJ	81,712,678	5.82
Columbia Gas Dist Co.....	OH,KY,PA,MD	76,048,915	5.95
Con Edison Co. of New York Inc.....	NY	69,809,658	5.99
Consumers Pwr Co.....	MI	58,661,306	4.46
Pacific Gas and Elec Co.....	CA	57,793,522	5.67
Minnegasco.....	MN	57,154,912	4.57
Southern California Gas Co.....	CA	54,772,058	6.16
Michigan Consol Gas Co.....	MI	53,635,433	5.16
Entex Div of Noram Energy Corp.....	LA,TX,MS	49,485,836	4.80
Northern Illinois Gas Co.....	IL	48,165,624	4.62
Pub Svc Co. of Colorado.....	CO	47,339,959	3.51
Atlanta Gas Lt Co.....	GA	47,003,924	5.87
East Ohio Gas Co.....	OH	44,154,931	4.98
Washington Gas Lt Co.....	VA,MD,DC	43,907,915	6.33
Lone Star Gas Co.....	TX	37,492,204	5.04
MidAmerican Energy Co.....	NE,SD,IA,IL	34,076,345	4.56
Southern Union Gas Co.....	MO,TX	31,836,423	5.30
Oklahoma Nat Gas Co.....	OK	30,749,633	4.65
Southwest Gas Corp.....	CA,AZ,NV	30,371,660	5.11
Northern States Pwr Co.....	MI,ND,MN,WI	29,597,931	4.91
Northern Indiana Pub Svc Co.....	IN	28,763,211	4.44
Arkla A Noram Energy Co.....	LA,AR,TX,OK	28,566,634	5.31
Long Island Ltg Co.....	NY	28,148,267	7.78
Boston Gas Co.....	MA	28,062,269	6.98
Peoples Nat Gas Co.....	IA,MN,NE,KS,SD,CO	26,795,877	4.53
Energas Co.....	TX	26,614,025	3.32
Mountain Fuel Sply Co.....	ID,WY,UT	25,251,435	3.38
Indiana Gas Co. Inc.....	KY,IN	24,799,125	5.31
Natl Fuel Gas Distr.....	NY,PA	24,363,094	7.01
Wisconsin Gas Co.....	WI	24,260,674	4.81
Niagara Mohawk Pwr Corp.....	NY	24,064,413	6.57
Laclede Gas Co.....	MO	23,274,661	5.24
Peoples Gas Lt and Coke Co.....	IL	23,250,618	5.67
Washington Nat Gas Co.....	WA	23,188,295	4.89
Western Resources Inc.....	KS,OK	22,718,729	5.32
Peoples Gas Sys Inc.....	FL	22,529,952	6.39
Wisconsin Elec Pwr Co.....	WI	21,986,620	4.88
Northwest Nat Gas Co.....	WA,OR	21,917,303	4.78
Brooklyn Union Gas Co.....	NY	21,238,174	8.30
Piedmont Nat Gas Co.....	SC,NC	21,114,428	6.38
Cincinnati Gas and Elec Co.....	OH	20,945,105	5.54
Peco Energy Co.....	PA	20,655,318	6.41
Baltimore Gas and Elec Co.....	MD	20,311,485	5.98
Illinois Pwr Co.....	IL	18,641,226	4.40
Citizens Gas and Coke Util.....	IN	16,987,692	4.43
United Cities Gas Co.....	TN,IL,GA,MO,VA,KS,IA	16,827,078	5.78
Commonwealth Gas Co.....	MA	16,160,236	5.95
Memphis Lt Gas and Wtr.....	TN	15,025,072	4.94
Philadelphia Gas Wks.....	PA	14,922,917	7.19
Montana Dakota Util.....	MT,WY,SD,ND	14,172,475	3.85

Notes: Natural gas companies with the 50 largest amounts of on-system sales to commercial consumers were selected from the respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Prices are calculated from the company total reported volumes of on-system sales to commercial consumers and the total reported associated revenue. When more than one State of operation is indicated, the price has been calculated from the sum of the volumes and revenues reported by the company for all of the States shown. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 32. Leading Suppliers of Natural Gas Sold and Transported in the United States, 1996**  
(Thousand Cubic Feet)

Company	Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities	Total
Southern California Gas Co .....	236,147,041	98,326,527	274,565,356	690,930	139,093,560	748,823,414
Lone Star Gas Co.....	98,544,045	39,742,782	401,192,329	0	91,142,951	630,622,107
Pacific Gas and Elec Co.....	191,642,533	119,099,735	141,914,239	312,268	109,419,662	562,388,437
Northern Illinois Gas Co.....	263,619,891	101,698,957	147,415,783	1,219	21,803,577	534,539,427
Midcon Texas P L Operator Inc.....	0	0	424,591,521	0	83,168,501	507,760,022
Columbia Gas Dist Co.....	196,465,546	108,727,185	186,855,322	27,566	151,282	492,226,901
Pub Svc Elec and Gas Co.....	140,712,209	113,332,702	138,059,394	0	18,438,132	410,542,437
Michigan Consol Gas Co.....	162,530,830	100,311,987	97,173,863	0	2,617,033	362,633,713
Consumers Pwr Co.....	191,174,750	75,900,955	82,797,020	7,302	1,252,023	351,132,050
Tejas Gas P L.....	0	0	190,289,924	0	122,448,127	312,738,051
Koch Gateway P L Co.....	0	1,521,111	175,144,154	0	132,519,437	309,184,702
East Ohio Gas Co.....	146,802,045	62,196,931	89,292,382	215,637	491,351	298,998,346
Florida Gas Trans Co.....	0	0	29,073,033	0	258,508,136	287,581,169
Northern Indiana Pub Svc Co.....	75,077,544	28,763,211	176,454,647	90,222	3,396,752	283,782,376
Oklahoma Nat Gas Co.....	60,798,816	33,544,652	171,173,678	132,736	1,062,744	266,712,626
Atlanta Gas Lt Co.....	106,075,815	50,650,001	103,473,569	0	4,574,887	264,774,272
Bridgeline Gas Dist Co.....	0	0	195,614,402	0	61,307,248	256,921,650
Peoples Gas Lt and Coke Co.....	150,323,052	59,156,757	39,549,245	26,712	1,241,596	250,297,362
Channel Industries Gas Co.....	0	22,290	196,354,480	0	50,557,894	246,934,664
Con Edison Co. of New York Inc.....	54,729,224	69,809,658	9,255,346	13,875	82,998,637	216,806,740
Niagara Mohawk Pwr Corp.....	55,090,081	53,043,578	104,680,096	27,599	1,099,731	213,941,085
Amoco Gas Co.....	0	0	212,646,009	0	0	212,646,009
Houston P L Co.....	0	0	155,576,986	0	48,589,943	204,166,929
Peoples Nat Gas Co.....	53,415,636	34,174,041	102,493,587	0	0	190,083,264
Valero Trans L P.....	1,411	5,314,770	42,201,193	0	140,240,577	187,757,951
Pub Svc Co. of Colorado.....	83,543,734	47,339,959	53,934,655	0	2,898,000	187,716,348
Entex Div of Noram Energy Corp.....	75,439,947	54,650,646	50,497,785	0	0	180,588,378
Natl Fuel Gas Distr.....	88,994,254	38,578,690	50,257,721	0	0	177,830,665
Louisiana Intrastate Gas.....	0	0	164,360,279	0	12,634,188	176,994,467
Texas Util Fuel Co.....	0	0	0	0	176,446,280	176,446,280
MidAmerican Energy Co.....	61,793,802	40,166,245	52,800,110	8,271	2,690,999	157,459,427
Noram Gas Trans Co.....	0	0	126,051,518	0	29,392,159	155,443,677
Minnegasco.....	75,046,870	57,508,490	20,278,608	34,220	436,429	153,304,617
Washington Gas Lt Co.....	87,828,107	53,470,704	0	38,631	6,212,119	147,549,561
Brooklyn Union Gas Co.....	109,442,238	24,935,263	9,348,847	7,000	0	143,733,348
Southwest Gas Corp.....	44,097,846	39,247,334	24,917,315	161,463	35,271,750	143,695,708
Southern Union Gas Co.....	70,407,952	43,293,862	27,952,904	0	1,559,122	143,213,840
Boston Gas Co.....	41,595,034	50,457,002	14,463,032	3,687	35,892,223	142,410,978
Wisconsin Gas Co.....	53,015,664	24,487,876	57,985,302	21,794	17,383	135,528,019
Mountain Fuel Sply Co.....	55,917,746	30,645,982	43,302,036	134,957	4,064,699	134,065,420
Western Resources Inc.....	62,389,342	32,096,605	31,659,298	0	3,674,049	129,819,294
Indiana Gas Co. Inc.....	50,164,408	26,792,125	44,674,451	12,466	3,516,171	125,159,621
Long Island Ltg Co.....	40,470,363	29,062,761	0	0	48,924,863	118,457,987
Arkla A Noram Energy Co.....	51,366,596	31,849,745	32,951,865	0	0	116,168,206
Kern River Gas Trans Co.....	0	0	90,361,220	0	24,073,617	114,434,837
Northwest Nat Gas Co.....	29,475,876	21,917,303	54,245,508	24,995	7,419,479	113,083,161
Laclede Gas Co.....	63,316,365	28,147,120	21,275,577	31,139	0	112,770,201
Baltimore Gas and Elec Co.....	42,127,579	21,011,797	46,845,025	34,272	2,519,437	112,538,110
Northern States Pwr Co.....	48,169,247	31,758,597	30,492,450	0	1,056,189	111,476,483
San Diego Gas and Elec Co.....	31,266,600	12,035,815	24,653,636	231,263	43,060,859	111,248,173

Notes: The natural gas companies with the 50 largest amounts of total deliveries were selected from the respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." For each company, the total deliveries include deliveries to residential, commercial, industrial, and electric utility consumers, deliveries of natural gas for vehicle fuel; and all volumes transported to consumers for the account of others. The totals are summed from each company's reports in all States of operations. Number of vehicle fuel consumers generally refers to the number of fueling stations. Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table 33. Average Residential Annual Consumption and Cost of Natural Gas per Consumer by State, 1992-1996**

State	1992		1993		1994		1995		1996	
	Volume (thousand cubic feet)	Cost (dollars)	Volume (thousand cubic feet)	Cost (dollars)	Volume (thousand cubic feet)	Cost (dollars)	Volume (thousand cubic feet)	Cost (dollars)	Volume (thousand cubic feet)	Cost (dollars)
Alabama .....	70	471	70	499	67	495	66	452	74	533
Alaska .....	193	732	183	724	192	690	192	695	199	680
Arizona .....	47	340	46	332	47	352	41	318	40	302
Arkansas .....	78	399	89	477	80	455	77	424	86	508
California .....	55	330	57	358	59	378	54	346	53	340
Colorado .....	93	422	102	460	93	456	94	451	97	425
Connecticut .....	98	879	99	931	97	985	95	945	101	1,017
D.C. ....	122	925	122	1,017	117	974	116	931	128	1,175
Delaware .....	87	535	86	573	85	633	82	542	92	655
Florida .....	30	277	29	288	28	278	28	280	31	335
Georgia .....	77	499	81	550	72	529	77	474	83	552
Hawaii .....	18	334	19	326	19	318	19	330	17	345
Idaho .....	71	371	85	455	75	399	74	414	80	414
Illinois .....	142	721	146	807	139	763	145	676	154	813
Indiana .....	111	602	117	673	109	683	110	591	121	669
Iowa .....	103	537	113	617	104	563	108	551	114	628
Kansas .....	94	441	109	536	96	490	95	467	106	593
Kentucky .....	96	481	102	536	94	511	96	487	101	558
Louisiana .....	59	329	60	367	56	350	55	330	60	405
Maine .....	63	440	65	485	63	496	61	448	65	506
Maryland .....	84	540	95	675	93	647	91	602	98	747
Massachusetts .....	105	833	105	874	101	907	90	810	96	854
Michigan .....	136	686	138	696	134	669	137	648	142	704
Minnesota .....	114	552	115	610	117	604	119	572	129	705
Mississippi .....	68	335	71	372	67	365	65	343	72	413
Missouri .....	96	488	109	587	96	519	99	513	108	642
Montana .....	91	439	108	530	96	503	97	497	108	525
Nebraska .....	99	477	117	579	104	520	105	509	111	543
Nevada .....	61	344	68	385	63	421	57	384	57	355
New Hampshire .....	93	702	92	701	90	720	88	628	93	690
New Jersey .....	98	678	95	664	104	738	92	665	104	742
New Mexico .....	81	383	80	437	75	423	68	344	79	351
New York .....	84	635	96	784	96	841	93	784	100	887
North Carolina .....	74	489	78	542	73	531	73	504	84	638
North Dakota .....	108	541	117	614	114	592	117	545	129	585
Ohio .....	121	627	123	705	118	691	121	659	125	739
Oklahoma .....	79	392	93	459	82	450	80	446	88	499
Oregon .....	65	403	80	515	74	515	68	460	77	484
Pennsylvania .....	113	745	113	771	112	835	109	778	115	845
Rhode Island .....	101	776	99	811	87	789	85	685	92	783
South Carolina .....	63	440	66	469	56	431	61	460	69	512
South Dakota .....	98	503	97	515	101	532	102	513	111	581
Tennessee .....	75	412	80	457	75	458	75	430	84	524
Texas .....	65	377	69	409	64	382	60	355	65	385
Utah .....	96	520	107	549	97	482	94	443	97	432
Vermont .....	123	825	117	727	108	751	98	667	103	662
Virginia .....	94	628	95	713	90	690	91	655	96	766
Washington .....	81	407	94	492	88	501	83	487	93	526
West Virginia .....	100	632	100	643	100	664	100	705	104	733
Wisconsin .....	104	613	107	676	102	642	105	613	112	674
Wyoming .....	95	448	109	521	99	503	102	491	103	437
<b>Total .....</b>	<b>90</b>	<b>528</b>	<b>94</b>	<b>582</b>	<b>91</b>	<b>582</b>	<b>89</b>	<b>541</b>	<b>95</b>	<b>602</b>

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

# **Census Division Summaries**

**Table 34. Natural Gas Delivered to Consumers by Census Division, 1996**

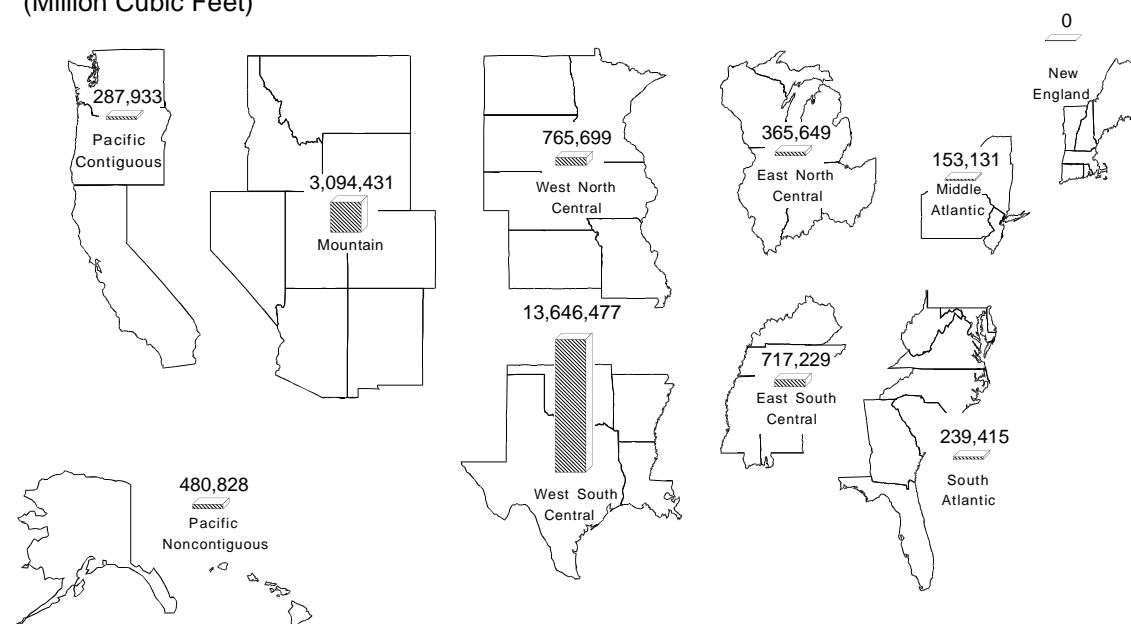
Census Division	Residential		Commercial		Industrial	
	Quantity (million cubic feet)	Consumers	Quantity (million cubic feet)	Consumers	Quantity (million cubic feet)	Consumers
New England.....	187,469	1,940,894	160,761	197,567	167,354	15,231
Middle Atlantic.....	904,490	8,627,697	558,149	754,944	767,093	31,880
East North Central.....	1,640,926	12,116,529	790,682	1,007,756	1,455,204	62,460
West North Central.....	528,662	4,619,457	347,721	509,593	449,511	13,910
South Atlantic.....	457,792	5,446,188	320,153	514,514	716,648	13,243
East South Central.....	227,335	2,722,985	150,694	288,039	503,327	7,692
West South Central.....	408,861	5,854,303	281,452	548,533	3,528,911	14,571
Mountain.....	299,923	3,746,952	210,381	344,111	311,229	5,861
Pacific Contiguous.....	569,235	10,076,303	308,804	539,615	895,529	40,999
Pacific Noncontiguous.....	16,720	112,365	29,447	15,555	75,616	202
<b>Total.....</b>	<b>5,241,414</b>	<b>55,263,673</b>	<b>3,158,244</b>	<b>4,720,227</b>	<b>8,870,422</b>	<b>206,049</b>

	Vehicle Fuel	Electric Utilities	Delivered to Consumers	Heating Value (Btu per cubic foot)
	Quantity (million cubic feet)	Quantity (million cubic feet)	Quantity (million cubic feet)	
New England.....	40	80,592	596,215	1,031
Middle Atlantic.....	89	175,752	2,405,574	1,030
East North Central.....	465	72,922	3,960,199	1,019
West North Central.....	100	39,700	1,365,694	1,009
South Atlantic.....	182	334,123	1,828,898	1,037
East South Central.....	31	91,804	973,190	1,035
West South Central.....	183	1,461,718	5,681,125	1,034
Mountain.....	442	105,479	927,454	1,030
Pacific Contiguous.....	1,402	338,640	2,113,610	1,033
Pacific Noncontiguous.....	0	31,767	153,549	991
<b>Total.....</b>	<b>2,932</b>	<b>2,732,496</b>	<b>20,005,508</b>	<b>1,027</b>

Notes: Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 20. Marketed Production of Natural Gas by Census Division, 1996**  
(Million Cubic Feet)



Sources: Illinois, Louisiana, Pennsylvania, South Dakota, and West Virginia, 1996: Energy Information Administration (EIA), *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and EIA computations. All other data: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and the United States Minerals Management Service.

**Table 35. Average Price of Natural Gas Delivered to Consumers by Census Division, 1995-1996**  
(Dollars per Thousand Cubic Feet)

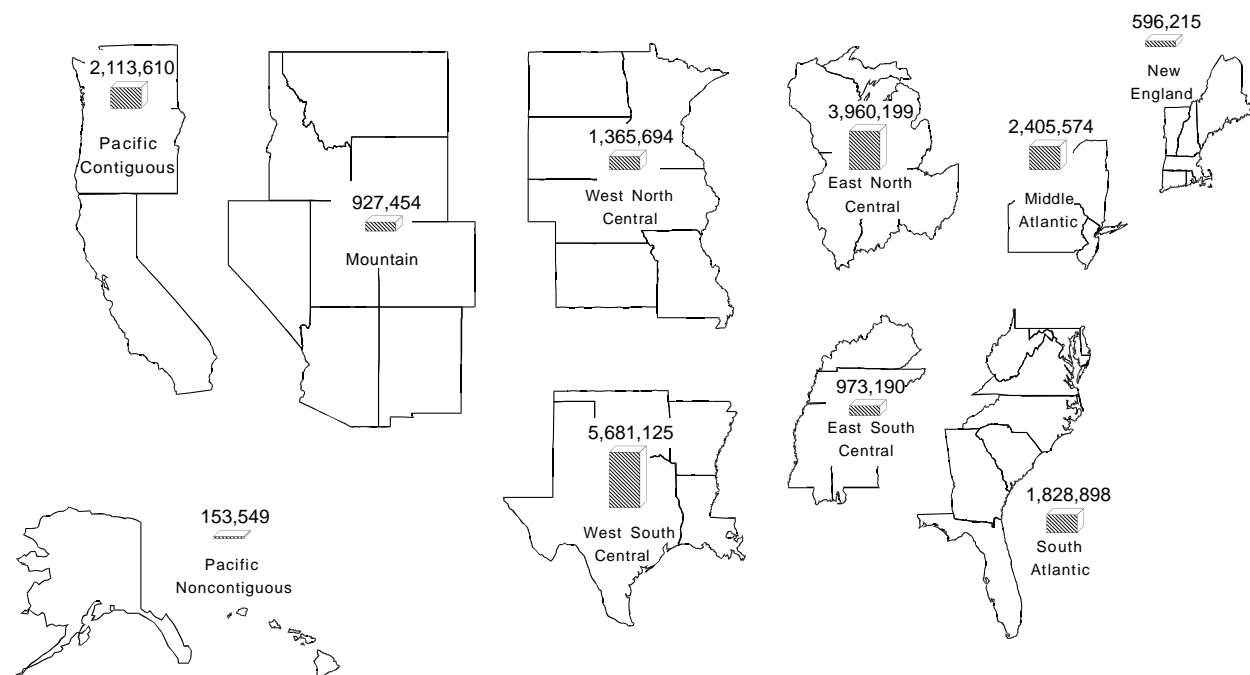
Census Division	Residential		Commercial	
	1995	1996	1995	1996
New England .....	9.06	9.03	6.78	6.96
Middle Atlantic .....	7.75	8.00	6.04	6.57
East North Central .....	5.05	5.44	4.57	4.94
West North Central .....	4.97	5.54	4.08	4.71
South Atlantic.....	6.89	7.50	5.33	6.14
East South Central.....	5.74	6.21	4.98	5.55
West South Central.....	5.82	5.96	4.26	4.58
Mountain .....	5.32	4.91	4.45	4.02
Pacific Contiguous .....	6.39	6.35	5.88	5.57
Pacific Noncontiguous .....	4.13	3.95	3.33	3.64

Census Division	Industrial		Vehicle Fuel		Electric Utilities	
	1995	1996	1995	1996	1995	1996
New England .....	4.34	4.99	5.20	6.13	2.04	2.79
Middle Atlantic .....	3.60	4.11	2.56	4.95	2.13	2.96
East North Central .....	3.38	3.79	4.80	4.81	1.52	1.91
West North Central .....	2.73	3.37	2.41	3.05	1.71	2.36
South Atlantic.....	3.31	4.13	3.19	4.13	2.28	3.12
East South Central .....	3.09	3.74	1.72	4.82	1.81	2.80
West South Central .....	1.90	2.67	2.54	2.66	1.96	2.63
Mountain .....	3.08	3.04	3.99	3.99	1.74	2.34
Pacific Contiguous .....	3.41	3.43	5.53	4.56	2.27	2.73
Pacific Noncontiguous .....	1.45	1.41	—	—	1.29	1.45

— = Not applicable.  
Notes: All average prices are volume weighted. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.  
Sources: Energy Information Administration (EIA), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Figure 21. Natural Gas Delivered to Consumers by Census Division, 1996**  
(Million Cubic Feet)



Sources: Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

## New England — Natural Gas 1996








	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interregion Movements:	691,089		 Industrial:	167,354	1.89
 Marketed Production:	0	0.00	 Vehicle Fuel:	40	1.36
Deliveries to Consumers:			 Electric Utilities:	80,592	2.95
 Residential:	187,469	3.58			
 Commercial:	160,761	5.09	Total:	596,215	2.98

Table 36. Summary Statistics for Natural Gas — New England, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at Region Borders					
Imports.....	47,727	67,319	50,983	31,199	51,968
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts.....	536,854	482,851	489,523	797,531	712,656
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	8,943	9,358	14,884	11,066	14,682
Supplemental Gas Supplies .....	399	439	352	704	728
Balancing Item .....	-16,046	47,102	80,062	-154,372	-96,795
Total Supply.....	577,877	607,069	635,804	686,127	683,239

See footnotes at end of table.



Table 36. Summary Statistics for Natural Gas — New England, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	513,723	528,517	560,725	597,314	600,455
Deliveries at Region Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries.....	57,826	71,931	66,911	81,304	73,535
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	6,328	6,621	8,168	7,510	9,248
Total Disposition.....	577,877	607,069	635,804	686,127	683,239
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	2,796	3,253	3,866	3,757	4,240
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	191,906	193,088	188,530	173,680	187,469
Commercial.....	113,660	116,897	147,127	143,825	160,761
Industrial.....	163,006	185,135	172,631	184,704	167,354
Vehicle Fuel.....	12	3	13	26	40
Electric Utilities.....	42,343	30,141	48,558	91,321	80,592
Total Delivered to Consumers.....	510,928	525,264	556,859	593,556	596,215
Total Consumption.....	513,723	528,517	560,725	597,314	600,455
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	103
Commercial.....	1,177	2,226	27,587	19,340	30,732
Industrial.....	93,656	117,146	105,989	110,773	102,985
Electric Utilities.....	25,019	9,866	36,933	66,144	72,933
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	193,088	188,194	173,332	187,167
Commercial.....	NA	99,399	110,544	118,969	128,799
Industrial.....	NA	142,335	126,440	129,113	116,010
Electric Utilities.....	NA	12,439	28,168	46,288	72,058
Vehicle Fuel.....	NA	3	10	19	22
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	336	348	302
Commercial.....	NA	17,497	36,583	24,856	31,962
Industrial.....	NA	42,800	46,191	55,591	51,343
Electric Utilities.....	NA	10,855	22,465	40,637	8,843
Vehicle Fuel.....	NA	0	2	6	18
<b>Number of Consumers</b>					
Residential.....	1,871,671	1,888,138	1,918,291	1,928,388	1,940,894
Commercial.....	170,758	188,913	180,043	193,778	197,567
Industrial.....	13,184	11,721	13,274	14,940	15,231
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	103	102	98	90	97
Commercial.....	666	619	817	742	814
Industrial.....	12,364	15,795	13,005	12,363	10,988
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	2.87	2.41	2.43	2.52	2.94
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.95	2.98	2.72	2.19	3.09
City Gate.....	3.59	3.95	4.00	3.82	4.33
Delivered to Consumers					
Residential.....	8.09	8.50	9.16	9.06	9.03
Commercial.....	6.29	6.43	7.04	6.78	6.96
Industrial.....	4.44	4.88	4.75	4.34	4.99
Vehicle Fuel.....	4.06	6.27	3.57	5.20	6.13
Electric Utilities.....	2.66	2.73	2.26	2.04	2.79

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The New England Census Division includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

## Middle Atlantic — Natural Gas 1996




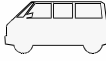



	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interregion Movements:	2,474,782		 Industrial:	767,093	8.65
 Marketed Production:	153,131	0.78	 Vehicle Fuel:	89	3.04
Deliveries to Consumers:			 Electric Utilities:	175,752	6.43
 Residential:	904,490	17.26			
 Commercial:	558,149	17.67	Total:	2,405,574	12.02

Table 37. Summary Statistics for Natural Gas — Middle Atlantic, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	1,857	1,981	2,042	1,679	1,928
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	36,906	36,857	26,180	37,159	38,000
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells .....	161,372	152,717	140,444	128,677	152,494
From Oil Wells .....	824	610	539	723	641
Total .....	162,196	153,327	140,982	129,400	153,134
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation .....	162,196	153,327	140,982	129,400	153,134
Vented and Flared .....	13	14	11	0	3
Marketed Production .....	162,183	153,313	140,971	129,400	153,131
Extraction Loss .....	604	513	513	582	603
Total Dry Production .....	161,579	152,800	140,458	128,818	152,528
<b>Supply (million cubic feet)</b>					
Dry Production .....	161,579	152,800	140,458	128,818	152,528
Receipts at Region Borders					
Imports .....	435,470	502,701	562,267	630,321	652,578
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	2,275,739	2,227,354	2,172,434	2,710,896	2,637,885
Withdrawals from Storage					
Underground Storage .....	438,582	448,703	405,137	472,085	379,865
LNG Storage .....	5,630	7,287	9,429	7,789	9,204
Supplemental Gas Supplies .....	15,684	16,698	9,449	8,856	8,304
Balancing Item .....	-38,310	-132,379	-10,334	-204,005	-98,057
Total Supply .....	3,294,375	3,223,165	3,288,840	3,754,759	3,742,307

See footnotes at end of table.

Table 37. Summary Statistics for Natural Gas — Middle Atlantic, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	2,187,785	2,186,786	2,294,581	2,452,718	2,461,386
Deliveries at Region Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries.....	654,539	578,376	576,334	900,983	815,681
Additions to Storage					
Underground Storage.....	446,027	450,242	406,139	393,554	452,765
LNG Storage.....	6,023	7,760	11,786	7,504	12,476
Total Disposition.....	3,294,375	3,223,165	3,288,840	3,754,759	3,742,307
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	4,005	4,473	3,917	3,963	4,021
Pipeline Fuel.....	47,991	45,287	46,496	48,439	51,574
Plant Fuel.....	341	235	116	181	217
Delivered to Consumers					
Residential.....	843,680	848,781	870,685	831,564	904,490
Commercial.....	482,360	481,446	493,738	514,052	558,149
Industrial.....	558,797	590,803	641,701	737,518	767,093
Vehicle Fuel.....	9	24	67	143	89
Electric Utilities.....	250,602	215,737	237,862	316,859	175,752
Total Delivered to Consumers.....	2,135,448	2,136,791	2,244,053	2,400,136	2,405,574
Total Consumption.....	2,187,785	2,186,786	2,294,581	2,452,718	2,461,386
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	3,815	4,433	3,366	3,231	4,086
Commercial.....	91,044	90,938	92,186	119,691	144,044
Industrial.....	372,873	392,264	449,203	548,334	585,683
Electric Utilities.....	23,768	22,638	24,666	52,081	22,419
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	848,781	867,990	828,221	900,974
Commercial.....	NA	407,353	429,236	444,765	475,115
Industrial.....	NA	330,821	382,825	475,352	516,690
Electric Utilities.....	NA	61,638	69,631	69,473	35,974
Vehicle Fuel.....	NA	22	40	138	78
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	2,695	3,343	3,516
Commercial.....	NA	74,093	64,501	69,287	83,034
Industrial.....	NA	259,982	258,876	262,166	250,404
Electric Utilities.....	NA	155,188	149,733	230,445	138,219
Vehicle Fuel.....	NA	2	28	4	11
<b>Number of Consumers</b>					
Residential.....	8,917,964	8,437,324	8,491,832	8,567,740	8,627,697
Commercial.....	722,563	712,267	727,372	740,637	754,944
Industrial.....	46,168	41,464	38,829	39,174	31,880
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	95	101	103	97	105
Commercial.....	668	676	679	694	739
Industrial.....	12,104	14,249	16,526	18,827	24,062
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.99	2.67	2.70	2.76	—
Imports.....	2.48	2.49	2.44	2.31	2.94
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.48	2.88	2.45	1.95	2.66
City Gate.....	3.17	3.41	3.22	2.88	3.22
Delivered to Consumers					
Residential.....	7.12	7.46	7.94	7.75	8.00
Commercial.....	5.72	5.95	6.37	6.04	6.57
Industrial.....	3.80	4.00	4.02	3.60	4.11
Vehicle Fuel.....	5.65	5.06	4.11	2.56	4.95
Electric Utilities.....	2.44	2.67	2.28	2.13	2.96

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The Middle Atlantic Census Division includes New Jersey, New York, and Pennsylvania. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

# East North Central — Natural Gas 1996

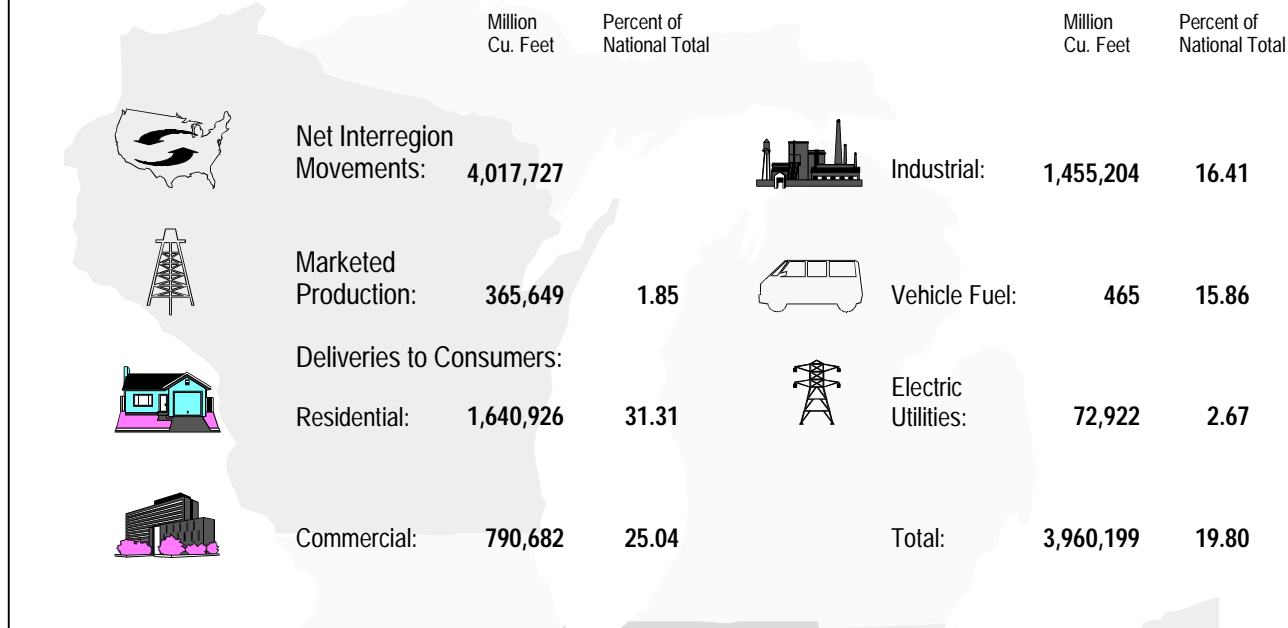


Table 38. Summary Statistics for Natural Gas — East North Central, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	2,384	2,264	2,417	2,348	3,174
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	39,756	42,003	42,469	41,497	41,943
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	265,613	263,986	269,569	273,230	321,023
From Oil Wells .....	80,202	84,129	91,342	97,557	50,290
Total.....	345,815	348,115	360,912	370,787	371,313
Repressuring .....	2,340	2,340	2,340	2,340	2,340
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	343,475	345,775	358,572	368,447	368,973
Vented and Flared .....	3,324	3,324	3,324	3,324	3,324
Marketed Production.....	340,151	342,451	355,248	365,123	365,649
Extraction Loss .....	8,265	7,193	6,555	6,499	6,548
Total Dry Production.....	331,886	335,258	348,693	358,624	359,101
<b>Supply (million cubic feet)</b>					
Dry Production .....	331,886	335,258	348,693	358,624	359,101
Receipts at Region Borders					
Imports.....	38,568	34,874	17,320	26,475	29,043
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts.....	4,868,856	5,079,521	5,768,472	5,741,430	6,154,619
Withdrawals from Storage					
Underground Storage .....	818,020	879,830	796,260	1,006,179	910,748
LNG Storage.....	1,653	2,140	4,366	2,056	6,159
Supplemental Gas Supplies .....	27,295	26,782	25,453	31,739	30,803
Balancing Item .....	-2,983	-203,933	-592,118	-224,388	-301,713
Total Supply.....	6,083,295	6,154,472	6,368,446	6,942,115	7,188,760

See footnotes at end of table.

Table 38. Summary Statistics for Natural Gas — East North Central, 1992-1996 (Continued)

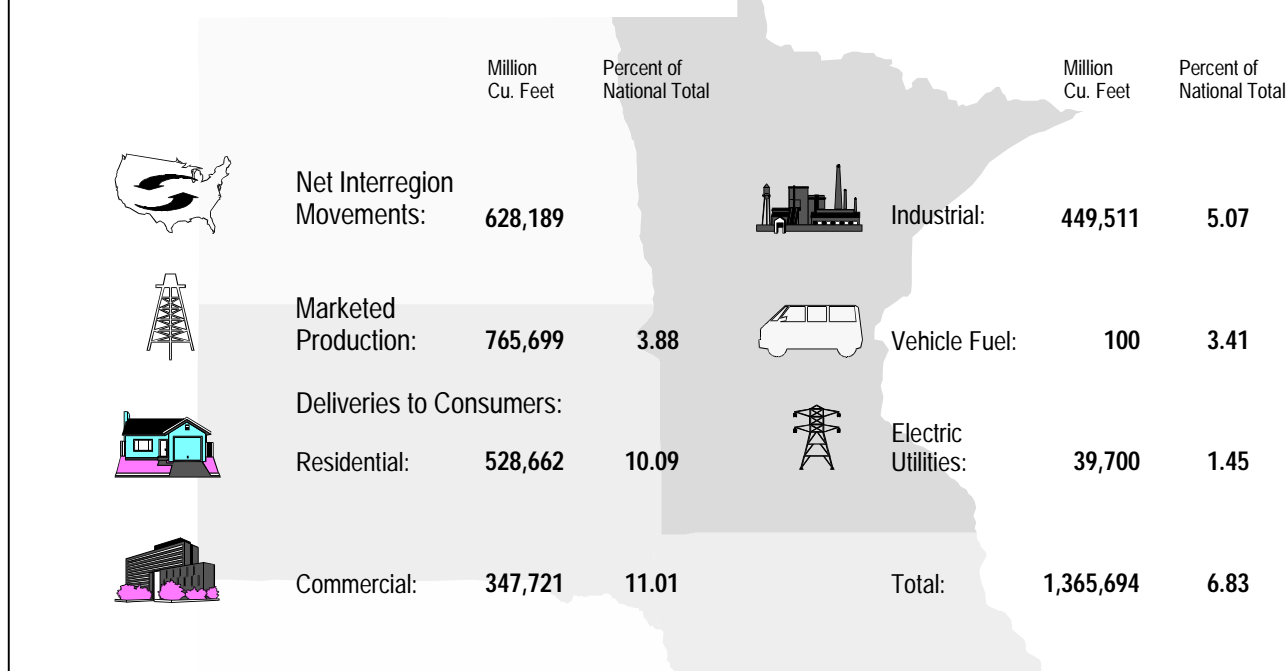
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	3,509,808	3,643,905	3,669,234	3,861,266	4,047,077
Deliveries at Region Borders					
Exports.....	67,763	44,413	49,470	26,948	50,363
Intransit Deliveries.....	471,606	324,093	472,499	492,481	536,333
Interregion Deliveries.....	1,241,993	1,220,828	1,250,698	1,733,313	1,579,239
Additions to Storage					
Underground Storage.....	790,648	918,386	922,315	826,215	970,171
LNG Storage.....	1,477	2,849	4,230	1,891	5,577
Total Disposition.....	6,083,295	6,154,472	6,368,446	6,942,115	7,188,760
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	5,626	6,251	7,707	7,461	6,685
Pipeline Fuel.....	51,307	56,167	70,970	67,520	77,069
Plant Fuel.....	3,210	3,408	3,504	3,459	3,123
Delivered to Consumers					
Residential.....	1,450,173	1,513,299	1,467,349	1,535,648	1,640,926
Commercial.....	675,446	702,557	701,852	740,654	790,682
Industrial.....	1,276,376	1,315,680	1,349,295	1,406,125	1,455,204
Vehicle Fuel.....	158	149	186	375	465
Electric Utilities.....	47,513	46,394	68,371	100,024	72,922
Total Delivered to Consumers.....	3,449,665	3,578,079	3,587,053	3,782,826	3,960,199
Total Consumption.....	3,509,808	3,643,905	3,669,234	3,861,266	4,047,077
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	33,985	36,078	35,364	38,836	39,092
Commercial.....	169,248	180,740	197,813	224,954	231,829
Industrial.....	1,058,204	1,102,744	1,144,409	1,209,358	1,251,876
Electric Utilities.....	39,062	37,463	59,337	82,892	62,042
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	1,513,299	1,467,338	1,535,619	1,640,893
Commercial.....	NA	682,660	683,434	719,469	769,657
Industrial.....	NA	933,845	936,791	997,523	1,040,951
Electric Utilities.....	NA	34,582	58,370	75,190	60,289
Vehicle Fuel.....	NA	126	160	350	442
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	11	28	34
Commercial.....	NA	19,897	18,418	21,185	21,025
Industrial.....	NA	381,835	412,504	408,602	414,253
Electric Utilities.....	NA	8,953	10,847	22,997	12,661
Vehicle Fuel.....	NA	23	26	25	23
<b>Number of Consumers</b>					
Residential.....	11,381,828	11,557,297	11,749,087	11,942,604	12,116,529
Commercial.....	946,144	961,127	969,251	989,497	1,007,756
Industrial.....	60,965	62,397	59,407	58,737	62,460
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	127	131	125	129	135
Commercial.....	714	731	724	749	785
Industrial.....	20,936	21,086	22,713	23,939	23,298
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.56	2.41	2.13	1.90	2.35
Imports.....	1.60	2.02	2.16	1.90	2.89
Exports.....	1.83	2.14	2.49	1.97	2.66
Pipeline Fuel.....	1.64	1.21	1.35	1.20	2.06
City Gate.....	3.18	3.29	3.10	2.96	3.43
Delivered to Consumers					
Residential.....	5.22	5.54	5.61	5.05	5.44
Commercial.....	4.68	5.03	5.08	4.57	4.94
Industrial.....	3.65	3.95	4.03	3.38	3.79
Vehicle Fuel.....	3.63	4.62	4.27	4.80	4.81
Electric Utilities.....	1.54	1.92	1.95	1.52	1.91

NA = Not available.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The East North Central Census Division includes Illinois, Indiana, Michigan, Ohio, and Wisconsin. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

# West North Central — Natural Gas 1996



**Table 39. Summary Statistics for Natural Gas — West North Central, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	10,177	9,873	9,663	9,034	8,156
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	18,569	19,687	19,623	22,277	21,669
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	594,551	626,728	651,594	655,917	648,822
From Oil Wells .....	133,335	135,565	136,468	134,776	133,390
Total.....	727,886	762,293	788,062	790,693	782,213
Repressuring .....	3,513	3,390	3,814	4,043	4,846
Nonhydrocarbon Gases Removed .....	508	532	358	93	358
Wet After Lease Separation.....	723,865	758,371	783,890	786,558	777,009
Vented and Flared .....	8,315	8,740	9,012	12,145	11,309
Marketed Production.....	715,549	749,631	774,878	774,412	765,699
Extraction Loss .....	48,791	49,938	52,615	52,769	52,933
Total Dry Production.....	666,758	699,693	722,263	721,643	712,766
<b>Supply (million cubic feet)</b>					
Dry Production .....	666,758	699,693	722,263	721,643	712,766
Receipts at Region Borders					
Imports.....	369,137	383,702	389,083	411,442	407,584
Intransit Receipts .....	486,163	324,093	487,760	492,481	536,333
Interregion Receipts.....	2,273,597	2,349,622	2,646,848	2,631,598	2,738,559
Withdrawals from Storage					
Underground Storage .....	187,083	188,813	184,339	201,673	191,901
LNG Storage.....	7,813	11,683	9,426	7,976	10,076
Supplemental Gas Supplies .....	60,040	58,642	58,861	57,739	58,063
Balancing Item .....	-44,403	182,722	-11,556	191,045	113,042
Total Supply.....	4,006,189	4,198,969	4,487,023	4,715,599	4,768,324

See footnotes at end of table.

Table 39. Summary Statistics for Natural Gas — West North Central, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	1,293,801	1,444,515	1,458,364	1,478,863	1,517,291
Deliveries at Region Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries.....	2,539,054	2,540,740	2,822,161	3,045,926	3,054,287
Additions to Storage					
Underground Storage.....	164,774	201,425	196,072	184,604	182,579
LNG Storage.....	8,560	12,288	10,427	6,206	14,166
Total Disposition.....	4,006,189	4,198,969	4,487,023	4,715,599	4,768,324
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	21,615	24,393	22,393	26,035	26,540
Pipeline Fuel.....	60,419	76,093	72,735	82,769	90,328
Plant Fuel.....	31,074	41,028	34,050	33,054	34,730
Delivered to Consumers					
Residential.....	438,513	497,295	464,344	480,802	528,662
Commercial.....	296,784	318,742	310,307	321,563	347,721
Industrial.....	419,929	450,139	511,094	477,913	449,511
Vehicle Fuel.....	10	22	67	56	100
Electric Utilities.....	25,456	36,803	43,374	56,671	39,700
Total Delivered to Consumers.....	1,180,693	1,303,001	1,329,186	1,337,005	1,365,694
Total Consumption.....	1,293,801	1,444,515	1,458,364	1,478,863	1,517,291
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	13	62
Commercial.....	31,034	33,484	41,350	48,810	55,393
Industrial.....	320,563	345,604	419,331	388,592	359,469
Electric Utilities.....	13,937	14,296	18,588	25,620	17,157
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	497,161	464,344	480,681	528,571
Commercial.....	NA	261,354	264,945	273,315	298,135
Industrial.....	NA	278,110	339,769	303,483	304,188
Electric Utilities.....	NA	7,293	16,040	22,034	14,938
Vehicle Fuel.....	NA	22	67	54	61
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	0	122	91
Commercial.....	NA	57,387	45,362	48,248	49,586
Industrial.....	NA	172,030	171,324	174,430	145,323
Electric Utilities.....	NA	19,297	14,725	19,325	9,550
Vehicle Fuel.....	NA	0	0	1	39
<b>Number of Consumers</b>					
Residential.....	4,328,454	4,451,556	4,495,448	4,545,173	4,619,457
Commercial.....	484,851	482,592	499,138	501,899	509,593
Industrial.....	11,821	13,036	12,557	13,617	13,910
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	101	112	103	106	114
Commercial.....	612	660	622	641	682
Industrial.....	35,524	34,530	40,702	35,097	32,316
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.57	1.81	1.48	1.28	1.79
Imports.....	1.74	2.07	2.06	1.80	2.37
Exports.....	—	—	—	—	—
Pipeline Fuel.....	3.12	1.39	1.06	1.00	1.70
City Gate.....	2.90	3.15	2.99	2.60	3.17
Delivered to Consumers					
Residential.....	4.97	5.25	5.26	4.97	5.54
Commercial.....	4.11	4.47	4.44	4.08	4.71
Industrial.....	3.20	3.33	3.27	2.73	3.37
Vehicle Fuel.....	4.13	4.35	2.99	2.41	3.05
Electric Utilities.....	2.05	2.41	2.02	1.71	2.36

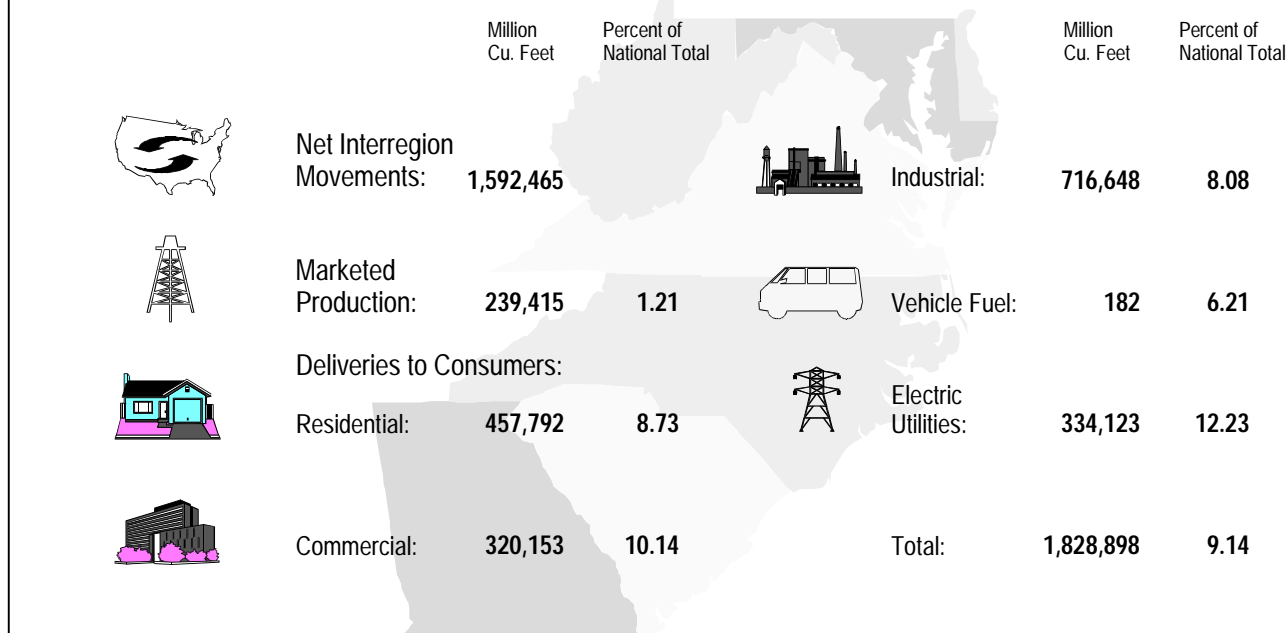
NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The West North Central Census Division includes Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

# South Atlantic — Natural Gas 1996



**Table 40. Summary Statistics for Natural Gas — South Atlantic, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	3,307	3,811	4,496	4,427	4,729
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	39,412	35,149	41,307	37,822	36,827
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	206,766	208,892	234,058	236,072	233,409
From Oil Wells .....	7,584	8,011	8,468	7,133	6,706
Total.....	214,349	216,903	242,526	243,204	240,115
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	682	721	762	642	700
Wet After Lease Separation.....	213,667	216,182	241,764	242,562	239,415
Vented and Flared .....	245	205	220	28	0
Marketed Production.....	213,422	215,977	241,544	242,534	239,415
Extraction Loss .....	11,999	13,387	12,690	9,026	8,742
Total Dry Production.....	201,423	202,590	228,854	233,508	230,673
<b>Supply (million cubic feet)</b>					
Dry Production .....	201,423	202,590	228,854	233,508	230,673
Receipts at Region Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts.....	3,309,501	3,290,584	3,415,392	3,765,665	3,836,300
Withdrawals from Storage					
Underground Storage .....	165,996	172,256	173,690	206,746	182,240
LNG Storage.....	3,951	5,452	7,333	9,592	12,643
Supplemental Gas Supplies .....	4,230	4,791	5,494	1,247	1,870
Balancing Item .....	12,279	143,864	98,886	-54,631	122,117
Total Supply.....	3,697,380	3,819,537	3,929,650	4,162,127	4,385,844

See footnotes at end of table.



Table 40. Summary Statistics for Natural Gas — South Atlantic, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	1,596,374	1,622,052	1,680,492	1,923,936	1,906,994
Deliveries at Region Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries.....	1,938,877	2,015,987	2,054,593	2,067,231	2,243,835
Additions to Storage					
Underground Storage.....	158,149	175,763	186,532	161,568	218,060
LNG Storage.....	3,980	5,734	8,033	9,393	16,955
Total Disposition.....	3,697,380	3,819,537	3,929,650	4,162,127	4,385,844
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	9,279	5,346	6,570	6,763	7,901
Pipeline Fuel.....	46,996	49,731	59,911	59,971	67,808
Plant Fuel.....	4,605	4,557	3,439	3,344	2,387
Delivered to Consumers					
Residential.....	385,200	403,479	391,714	408,590	457,792
Commercial.....	287,357	295,379	293,056	305,621	320,153
Industrial.....	623,133	644,009	690,497	740,332	716,648
Vehicle Fuel.....	16	53	126	198	182
Electric Utilities.....	239,787	219,499	235,179	399,117	334,123
Total Delivered to Consumers.....	1,535,494	1,562,419	1,610,572	1,853,857	1,828,898
Total Consumption.....	1,596,374	1,622,052	1,680,492	1,923,936	1,906,994
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	89	99	100	120	1,479
Commercial.....	26,192	25,958	27,611	35,191	35,990
Industrial.....	351,672	379,240	430,040	482,042	463,307
Electric Utilities.....	202,596	208,839	230,067	358,113	313,166
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	404,376	391,699	408,562	456,438
Commercial.....	NA	227,176	226,856	232,783	250,275
Industrial.....	NA	171,121	223,748	245,688	245,524
Electric Utilities.....	NA	174,890	207,925	328,376	291,030
Vehicle Fuel.....	NA	49	122	138	139
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	15	28	1,354
Commercial.....	NA	68,203	66,200	72,838	69,878
Industrial.....	NA	472,888	466,748	494,643	471,124
Electric Utilities.....	NA	55,781	38,825	69,670	34,408
Vehicle Fuel.....	NA	4	5	60	43
<b>Number of Consumers</b>					
Residential.....	4,943,742	4,976,403	5,161,109	5,285,997	5,446,188
Commercial.....	455,316	467,891	482,552	495,065	514,514
Industrial.....	10,283	11,672	12,786	12,968	13,243
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	78	81	76	77	84
Commercial.....	631	631	607	617	622
Industrial.....	60,598	55,176	54,004	57,089	54,115
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.86	3.24	2.48	2.09	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.32	2.83	2.77	1.82	2.84
City Gate.....	3.06	3.40	3.36	2.93	3.80
Delivered to Consumers					
Residential.....	6.66	7.15	7.39	6.89	7.50
Commercial.....	5.19	5.72	5.77	5.33	6.14
Industrial.....	3.33	3.70	3.56	3.31	4.13
Vehicle Fuel.....	4.67	4.05	3.94	3.19	4.13
Electric Utilities.....	2.35	2.48	2.26	2.28	3.12

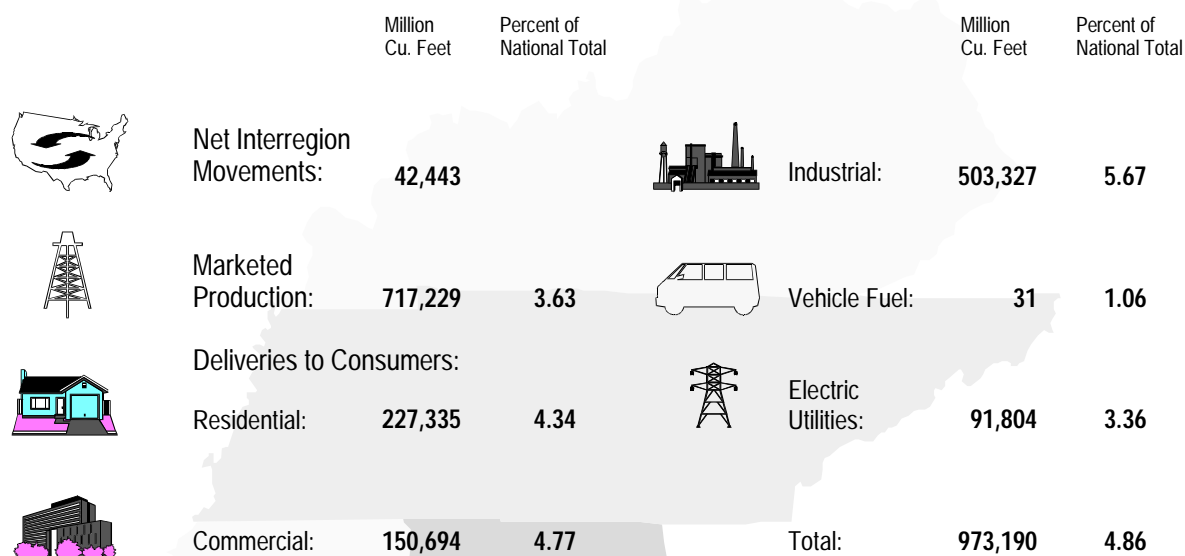
NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The South Atlantic Census Division includes Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

# East South Central — Natural Gas 1996



**Table 41. Summary Statistics for Natural Gas — East South Central, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	7,755	6,940	6,449	6,575	6,647
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year .....	16,340	16,970	17,184	17,372	18,174
<b>Production (million cubic feet)</b>					
Gross Withdrawals .....					
From Gas Wells .....	628,692	651,428	751,428	756,345	769,753
From Oil Wells .....	31,920	28,545	24,309	19,806	19,295
Total .....	660,612	679,973	775,737	776,151	789,048
Repressuring .....	54,989	45,271	46,044	42,270	31,967
Nonhydrocarbon Gases Removed .....	72,491	73,337	71,324	36,944	35,322
Wet After Lease Separation .....	533,132	561,365	658,368	696,937	721,759
Vented and Flared .....	4,876	4,020	4,577	5,170	4,530
Marketed Production .....	528,256	557,346	653,791	691,768	717,229
Extraction Loss .....	8,248	8,236	8,096	7,953	8,086
Total Dry Production .....	520,008	549,110	645,695	683,815	709,143
<b>Supply (million cubic feet)</b>					
Dry Production .....	520,008	549,110	645,695	683,815	709,143
Receipts at Region Borders .....					
Imports .....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts .....	5,166,017	5,278,358	5,599,776	5,560,871	5,893,643
Withdrawals from Storage .....					
Underground Storage .....	96,168	115,529	105,566	149,791	140,019
LNG Storage .....	3,326	3,327	3,376	3,723	5,266
Supplemental Gas Supplies .....	188	439	204	39	137
Balancing Item .....	39,692	-20,662	75,081	285,070	379,906
Total Supply .....	5,825,399	5,926,099	6,429,698	6,683,308	7,128,114

See footnotes at end of table.

Table 41. Summary Statistics for Natural Gas — East South Central, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	949,815	979,800	1,001,052	1,090,534	1,111,595
Deliveries at Region Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries.....	4,767,852	4,839,004	5,299,221	5,455,080	5,851,200
Additions to Storage					
Underground Storage.....	104,473	104,020	125,496	134,757	161,531
LNG Storage.....	3,259	3,275	3,929	2,938	3,788
Total Disposition.....	5,825,399	5,926,099	6,429,698	6,683,308	7,128,114
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	14,906	15,826	14,757	15,569	15,475
Pipeline Fuel.....	84,142	90,732	95,075	104,440	119,038
Plant Fuel.....	5,757	5,680	4,821	4,907	3,891
Delivered to Consumers					
Residential.....	190,262	205,541	196,700	202,673	227,335
Commercial.....	125,125	133,493	132,262	135,978	150,694
Industrial.....	471,509	482,184	469,673	505,164	503,327
Vehicle Fuel.....	5	10	19	276	31
Electric Utilities.....	58,109	46,335	87,745	121,527	91,804
Total Delivered to Consumers.....	845,009	867,563	886,399	965,618	973,190
Total Consumption.....	949,815	979,800	1,001,052	1,090,534	1,111,595
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	2	0	0	0
Commercial.....	9,643	10,536	11,854	13,160	13,144
Industrial.....	285,872	312,266	301,991	336,638	338,995
Electric Utilities.....	44,262	30,039	35,696	49,518	62,943
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	205,541	196,342	202,585	227,331
Commercial.....	NA	122,676	120,154	122,051	136,860
Industrial.....	NA	164,544	208,227	232,210	241,109
Electric Utilities.....	NA	30,870	2,051	7,525	7,138
Vehicle Fuel.....	NA	10	10	276	25
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	358	87	4
Commercial.....	NA	10,817	12,108	13,927	13,833
Industrial.....	NA	317,640	261,446	272,953	262,217
Electric Utilities.....	NA	16,926	36,486	44,179	57,782
Vehicle Fuel.....	NA	0	9	0	5
<b>Number of Consumers</b>					
Residential.....	2,443,619	2,516,613	2,586,901	2,657,218	2,722,985
Commercial.....	263,846	269,995	275,628	282,428	288,039
Industrial.....	7,869	7,879	7,851	7,812	7,692
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	78	82	76	76	83
Commercial.....	474	494	480	481	523
Industrial.....	59,920	61,199	59,823	64,665	65,435
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.12	2.33	2.11	1.72	2.47
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.37	2.40	1.98	1.80	2.62
City Gate.....	2.95	3.13	3.01	2.74	3.61
Delivered to Consumers					
Residential.....	5.59	5.84	6.15	5.74	6.21
Commercial.....	4.87	5.16	5.38	4.98	5.55
Industrial.....	3.08	3.47	3.44	3.09	3.74
Vehicle Fuel.....	5.56	4.70	4.00	1.72	4.82
Electric Utilities.....	1.88	2.45	1.99	1.81	2.80

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The East South Central Census Division includes Alabama, Kentucky, Mississippi, and Tennessee. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as industrial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

## West South Central — Natural Gas 1996

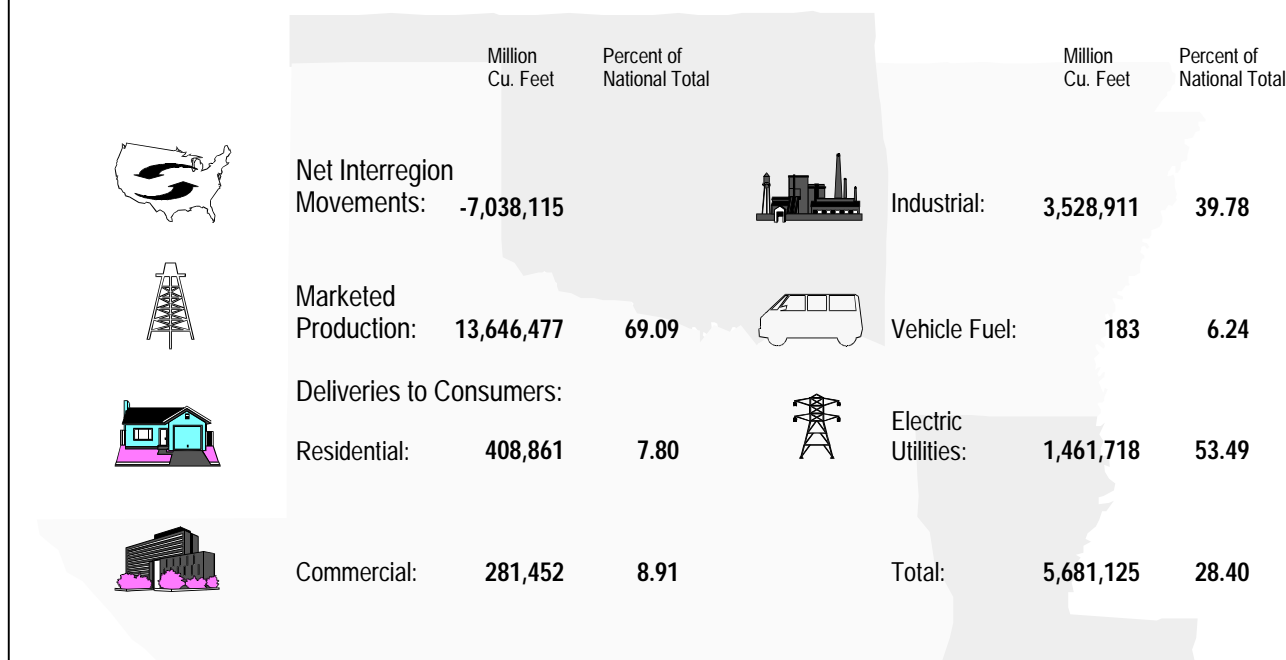


Table 42. Summary Statistics for Natural Gas — West South Central, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	87,198	84,777	88,034	88,734	62,357
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	92,212	95,288	94,233	102,525	102,864
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	11,599,913	11,749,649	11,959,444	11,824,788	12,116,665
From Oil Wells .....	2,313,831	2,368,395	2,308,634	2,217,752	2,151,247
Total.....	13,913,744	14,118,044	14,268,078	14,042,539	14,267,912
Repressuring .....	413,146	392,235	363,489	339,691	315,181
Nonhydrocarbon Gases Removed .....	180,003	184,258	196,463	200,233	238,897
Wet After Lease Separation.....	13,320,596	13,541,551	13,708,126	13,502,615	13,713,835
Vented and Flared .....	40,599	54,476	62,040	65,225	67,358
Marketed Production.....	13,279,997	13,487,075	13,646,086	13,437,390	13,646,477
Extraction Loss .....	611,804	617,868	611,720	623,178	639,141
Total Dry Production.....	12,668,193	12,869,207	13,034,366	12,814,212	13,007,336
<b>Supply (million cubic feet)</b>					
Dry Production .....	12,668,193	12,869,207	13,034,366	12,814,212	13,007,336
Receipts at Region Borders					
Imports.....	12,637	32,468	24,899	11,871	20,904
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts.....	181,618	186,693	285,147	603,963	685,326
Withdrawals from Storage					
Underground Storage .....	701,553	599,196	569,247	683,367	777,144
LNG Storage.....	12,149	32,077	18,320	4,780	7,141
Supplemental Gas Supplies .....	1	3	1	1	0
Balancing Item .....	-163,249	-67,043	234,696	214,926	426,215
Total Supply.....	13,412,902	13,652,600	14,166,676	14,333,119	14,924,066

See footnotes at end of table.

Table 42. Summary Statistics for Natural Gas — West South Central, 1992-1996 (Continued)

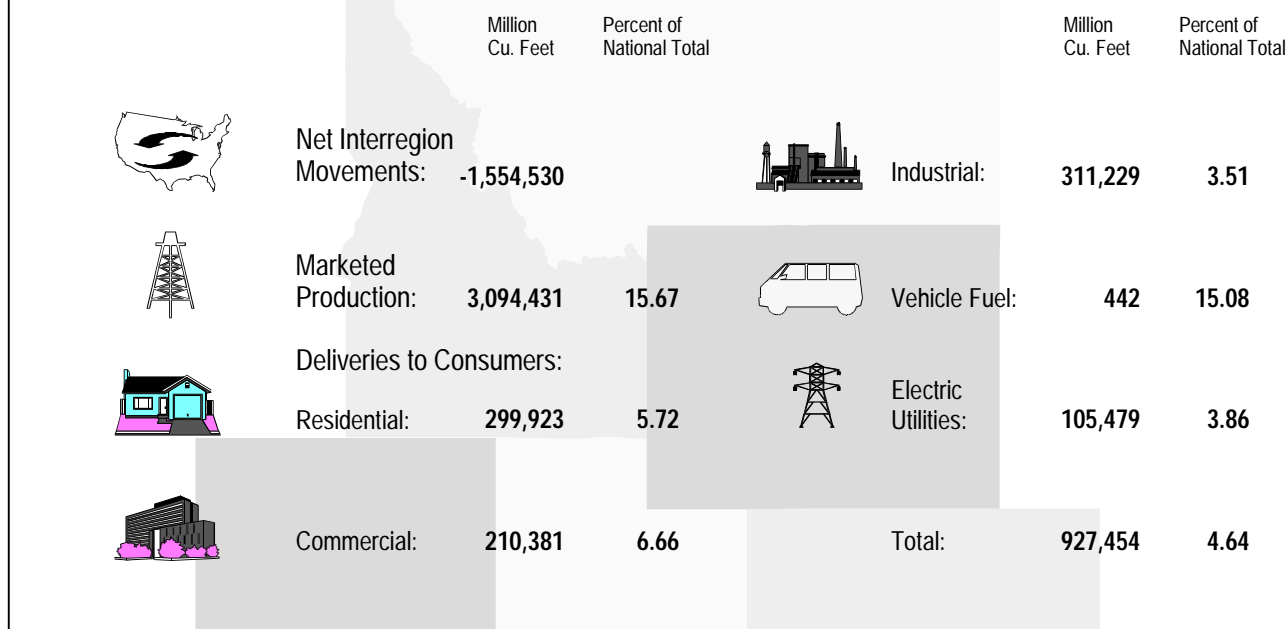
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	5,790,481	6,129,673	6,106,594	6,345,624	6,493,419
Deliveries at Region Borders					
Exports.....	93,408	36,423	44,041	61,241	30,435
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries.....	6,882,836	6,853,273	7,336,522	7,336,718	7,713,910
Additions to Storage					
Underground Storage.....	633,582	602,502	661,623	584,476	679,286
LNG Storage.....	12,595	30,730	17,895	5,061	7,016
Total Disposition.....	13,412,902	13,652,600	14,166,676	14,333,119	14,924,066
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	316,047	345,514	339,889	363,681	364,921
Pipeline Fuel.....	168,671	174,630	196,927	188,684	189,412
Plant Fuel.....	297,325	279,995	261,325	265,934	257,961
Delivered to Consumers					
Residential.....	375,189	412,313	377,151	368,826	408,861
Commercial.....	273,622	270,908	268,326	300,465	281,452
Industrial.....	2,960,486	3,154,777	3,158,342	3,300,803	3,528,911
Vehicle Fuel.....	58	189	227	169	183
Electric Utilities.....	1,399,083	1,491,347	1,504,407	1,557,062	1,461,718
Total Delivered to Consumers.....	5,008,438	5,329,533	5,308,454	5,527,325	5,681,125
Total Consumption.....	5,790,481	6,129,673	6,106,594	6,345,624	6,493,419
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	43	2	0	3	9
Commercial.....	47,391	35,390	37,812	73,373	38,635
Industrial.....	2,009,082	2,157,426	2,344,856	2,419,476	2,961,871
Electric Utilities.....	821,127	888,534	992,094	979,294	932,954
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	412,313	376,859	368,824	408,861
Commercial.....	NA	241,098	241,726	232,272	254,784
Industrial.....	NA	1,748,944	1,852,643	2,056,842	2,135,140
Electric Utilities.....	NA	681,236	767,092	716,841	729,935
Vehicle Fuel.....	NA	83	33	142	178
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	292	2	0
Commercial.....	NA	29,810	26,600	68,193	26,668
Industrial.....	NA	1,405,833	1,305,698	1,243,961	1,393,771
Electric Utilities.....	NA	587,119	610,088	653,225	565,331
Vehicle Fuel.....	NA	106	194	27	5
<b>Number of Consumers</b>					
Residential.....	5,562,827	5,643,699	5,662,325	5,791,464	5,854,303
Commercial.....	503,361	510,704	519,875	542,563	548,533
Industrial.....	11,111	11,691	11,229	14,637	14,571
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	67	73	67	64	70
Commercial.....	544	530	516	554	513
Industrial.....	266,446	269,847	281,267	225,511	242,187
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.75	2.09	1.94	1.60	2.32
Imports.....	1.73	1.71	1.79	1.67	2.24
Exports.....	1.92	2.10	1.68	1.49	2.13
Pipeline Fuel.....	1.88	1.98	1.57	1.57	2.41
City Gate.....	2.81	3.02	2.82	2.73	3.08
Delivered to Consumers					
Residential.....	5.53	5.69	5.90	5.82	5.96
Commercial.....	4.22	4.54	4.53	4.26	4.58
Industrial.....	2.06	2.44	2.21	1.90	2.67
Vehicle Fuel.....	3.35	2.83	2.60	2.54	2.66
Electric Utilities.....	2.28	2.55	2.25	1.96	2.63

NA = Not available.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The West South Central Census Division includes Arkansas, Louisiana, Oklahoma, and Texas. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

# Mountain — Natural Gas 1996



**Table 43. Summary Statistics for Natural Gas — Mountain, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	38,711	38,987	37,366	39,275	38,944
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	30,965	34,975	38,539	38,775	41,236
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	2,352,729	2,723,393	3,046,159	3,131,205	3,166,689
From Oil Wells .....	677,771	535,884	472,397	503,986	505,903
Total.....	3,030,499	3,259,277	3,518,556	3,635,191	3,672,592
Repressuring .....	249,215	246,467	213,297	183,504	158,953
Nonhydrocarbon Gases Removed .....	25,544	153,992	141,220	149,005	241,953
Wet After Lease Separation.....	2,755,741	2,858,817	3,164,039	3,302,682	3,271,686
Vented and Flared .....	95,299	132,899	135,082	187,861	177,255
Marketed Production.....	2,660,441	2,725,918	3,028,956	3,114,821	3,094,431
Extraction Loss .....	137,805	145,010	154,116	161,227	191,503
Total Dry Production.....	2,522,636	2,580,908	2,874,840	2,953,594	2,902,928
<b>Supply (million cubic feet)</b>					
Dry Production .....	2,522,636	2,580,908	2,874,840	2,953,594	2,902,928
Receipts at Region Borders					
Imports.....	963,487	1,023,020	1,258,926	1,393,874	1,418,625
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts.....	524,329	245,976	253,000	363,540	346,591
Withdrawals from Storage					
Underground Storage .....	114,268	153,333	100,699	118,287	146,490
LNG Storage.....	4,138	1,583	644	661	770
Supplemental Gas Supplies .....	7,188	8,493	8,177	7,170	6,787
Balancing Item .....	-329,100	-73,696	-92,850	-307,718	-226,296
Total Supply.....	3,806,947	3,939,617	4,403,436	4,529,409	4,595,896

See footnotes at end of table.

Table 43. Summary Statistics for Natural Gas — Mountain, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	994,686	1,052,537	1,084,170	1,106,003	1,162,821
Deliveries at Region Borders					
Exports.....	2,579	3,359	5,546	42	3,405
Intransit Deliveries.....	14,554	0	0	0	0
Interregion Deliveries.....	2,703,411	2,755,591	3,195,395	3,308,568	3,316,341
Additions to Storage					
Underground Storage.....	90,294	126,487	117,530	114,133	112,421
LNG Storage.....	1,422	1,643	796	663	817
Total Disposition.....	3,806,947	3,939,617	4,403,436	4,529,409	4,595,805
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	56,507	38,788	40,453	52,924	55,623
Pipeline Fuel.....	97,881	104,650	112,003	107,495	76,874
Plant Fuel.....	73,510	71,320	72,888	73,571	102,870
Delivered to Consumers					
Residential.....	254,547	284,231	272,805	274,405	299,923
Commercial.....	182,577	202,073	197,515	197,993	210,381
Industrial.....	239,869	270,297	285,475	295,227	311,229
Vehicle Fuel.....	115	147	312	462	442
Electric Utilities.....	89,679	81,032	102,719	103,926	105,479
Total Delivered to Consumers.....	766,788	837,780	858,826	872,014	927,454
Total Consumption.....	994,686	1,052,537	1,084,170	1,106,003	1,162,821
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	218	846
Commercial.....	17,234	19,868	26,075	29,185	33,154
Industrial.....	205,053	232,886	248,307	261,683	280,217
Electric Utilities.....	96,017	79,378	101,179	98,471	95,111
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	284,231	272,805	274,405	299,923
Commercial.....	NA	192,106	180,906	186,182	198,451
Industrial.....	NA	135,846	139,031	156,723	181,762
Electric Utilities.....	NA	61,360	87,257	93,140	95,137
Vehicle Fuel.....	NA	136	287	452	428
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	0	0	0
Commercial.....	NA	9,967	16,610	11,811	11,930
Industrial.....	NA	134,450	146,445	138,505	129,467
Electric Utilities.....	NA	20,740	17,839	9,177	4,647
Vehicle Fuel.....	NA	11	24	11	14
<b>Number of Consumers</b>					
Residential.....	3,213,437	3,295,742	3,432,387	3,578,020	3,746,952
Commercial.....	321,754	326,468	331,808	337,499	344,111
Industrial.....	3,447	2,903	3,895	4,712	5,861
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	79	86	79	77	80
Commercial.....	567	619	595	587	611
Industrial.....	69,588	93,109	73,293	62,654	53,102
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.43	1.80	1.65	1.31	1.78
Imports.....	1.68	1.84	1.55	1.06	1.49
Exports.....	1.42	1.11	1.56	1.53	1.92
Pipeline Fuel.....	1.48	1.80	1.57	1.24	1.70
City Gate.....	2.75	2.77	2.99	2.44	2.56
Delivered to Consumers					
Residential.....	5.16	5.17	5.47	5.32	4.91
Commercial.....	4.24	4.33	4.61	4.45	4.02
Industrial.....	3.07	2.84	2.88	3.08	3.04
Vehicle Fuel.....	4.11	4.11	4.19	3.99	3.99
Electric Utilities.....	2.07	2.48	2.09	1.74	2.34

NA = Not available.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The Mountain Census Division includes Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

## Pacific Contiguous — Natural Gas 1996




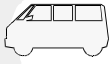



	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interregion Movements:	1,999,161		 Industrial:	895,529	10.10
 Marketed Production:	287,933	1.46	 Vehicle Fuel:	1,402	47.82
Deliveries to Consumers:			 Residential:	569,235	10.86
 Commercial:	308,804	9.78	 Electric Utilities:	338,640	12.39
			Total:	2,113,610	10.57

Table 44. Summary Statistics for Natural Gas — Pacific Contiguous, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	3,896	3,781	3,572	3,508	2,082
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	1,142	1,110	1,280	1,014	996
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	156,635	124,207	117,725	96,329	88,173
From Oil Wells .....	294,800	285,162	282,227	289,430	313,581
Total.....	451,435	409,370	399,952	385,759	401,754
Repressuring .....	81,330	87,806	84,424	101,556	111,356
Nonhydrocarbon Gases Removed .....	1,142	1,130	2,050	1,475	1,196
Wet After Lease Separation.....	368,963	320,434	313,478	282,728	289,201
Vented and Flared .....	751	580	830	1,250	1,268
Marketed Production.....	368,212	319,854	312,648	281,478	287,933
Extraction Loss .....	12,385	12,053	11,250	11,509	12,169
Total Dry Production.....	355,827	307,801	301,398	269,969	275,764
<b>Supply (million cubic feet)</b>					
Dry Production .....	355,827	307,801	301,398	269,969	275,764
Receipts at Region Borders					
Imports.....	270,477	306,030	320,362	335,866	356,711
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts.....	1,753,383	1,790,517	2,038,261	1,892,995	1,768,560
Withdrawals from Storage					
Underground Storage .....	202,104	159,406	173,214	135,973	182,920
LNG Storage.....	931	9,283	2,911	2,803	3,345
Supplemental Gas Supplies .....	182	7	3	2	2
Balancing Item .....	10,513	-21,678	-102,843	-36,926	-113,391
Total Supply.....	2,593,416	2,551,365	2,733,305	2,600,682	2,473,912

See footnotes at end of table.



Table 44. Summary Statistics for Natural Gas — Pacific Contiguous, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	2,322,074	2,310,388	2,482,502	2,291,405	2,214,558
Deliveries at Region Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries.....	103,506	55,747	67,018	139,367	126,110
Additions to Storage					
Underground Storage.....	167,446	180,913	180,572	166,574	128,778
LNG Storage.....	389	4,318	3,213	2,731	3,013
Total Disposition.....	2,593,416	2,551,365	2,733,305	2,600,077	2,472,460
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	84,288	80,329	63,347	62,226	63,337
Pipeline Fuel.....	24,644	20,906	24,357	34,835	33,091
Plant Fuel.....	8,008	7,096	6,388	4,287	4,520
Delivered to Consumers					
Residential.....	545,694	584,003	602,951	558,326	569,235
Commercial.....	342,378	317,950	327,931	343,749	308,804
Industrial.....	732,854	812,614	826,923	866,822	895,529
Vehicle Fuel.....	127	363	723	970	1,402
Electric Utilities.....	584,082	487,127	629,883	420,191	338,640
Total Delivered to Consumers.....	2,205,134	2,202,057	2,388,411	2,190,057	2,113,610
Total Consumption.....	2,322,074	2,310,388	2,482,502	2,291,405	2,214,558
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	3,502	3,700	3,507	2,848	3,472
Commercial.....	78,045	60,956	136,770	137,416	113,757
Industrial.....	527,181	583,061	643,271	729,345	780,456
Electric Utilities.....	422,650	359,692	585,194	389,161	283,653
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	584,003	602,951	558,326	569,235
Commercial.....	NA	298,075	279,164	293,771	258,515
Industrial.....	NA	645,712	467,014	481,650	534,304
Electric Utilities.....	NA	431,820	316,671	371,054	170,202
Vehicle Fuel.....	NA	340	607	880	1,302
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	0	0	0
Commercial.....	NA	19,875	48,767	49,977	50,289
Industrial.....	NA	166,902	359,909	385,172	361,225
Electric Utilities.....	NA	47,427	308,741	57,542	157,084
Vehicle Fuel.....	NA	23	116	90	100
<b>Number of Consumers</b>					
Residential.....	9,563,782	9,662,813	9,786,893	9,915,609	10,076,303
Commercial.....	526,109	529,368	532,958	537,725	539,615
Industrial.....	44,758	46,892	43,101	42,792	40,999
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	57	60	62	56	56
Commercial.....	651	601	615	639	572
Industrial.....	16,374	17,329	19,186	20,257	21,843
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.33	2.37	1.50	1.72	1.82
Imports.....	1.47	1.81	1.79	1.23	1.43
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.67	0.97	1.09	1.36	1.69
City Gate.....	2.62	2.77	2.58	2.08	2.55
Delivered to Consumers					
Residential.....	5.90	6.15	6.35	6.39	6.35
Commercial.....	5.01	5.70	6.46	5.88	5.57
Industrial.....	3.54	2.93	3.21	3.41	3.43
Vehicle Fuel.....	4.58	4.63	4.85	5.53	4.56
Electric Utilities.....	2.79	3.03	2.54	2.27	2.73




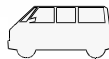



NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The Pacific Contiguous Census Division includes California, Oregon, and Washington. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

# Pacific Noncontiguous — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interregion Movements:	-67,648		 Industrial:	75,616	0.85
 Marketed Production:	480,828	2.43	 Vehicle Fuel:	0	0.00
Deliveries to Consumers:			 Electric Utilities:	31,767	1.16
 Residential:	16,720	0.32			
 Commercial:	29,447	0.93	Total:	153,549	0.77

**Table 45. Summary Statistics for Natural Gas — Pacific Noncontiguous, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	9,638	9,907	9,733	9,497	9,294
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	112	113	104	100	102
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	198,603	190,139	180,639	179,470	183,747
From Oil Wells .....	2,427,110	2,588,202	2,905,261	3,190,433	3,189,837
Total.....	2,625,713	2,778,341	3,085,900	3,369,904	3,373,584
Repressuring .....	2,168,019	2,325,506	2,517,259	2,891,618	2,885,686
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	457,694	452,835	568,642	478,285	487,897
Vented and Flared .....	14,097	22,485	13,240	8,736	7,070
Marketed Production.....	443,597	430,350	555,402	469,550	480,828
Extraction Loss .....	32,004	32,257	30,945	35,052	38,453
Total Dry Production.....	411,593	398,093	524,457	434,498	442,375
<b>Supply (million cubic feet)</b>					
Dry Production .....	411,593	398,093	524,457	434,498	442,375
Receipts at Region Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interregion Receipts.....	0	0	0	0	0
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	2,711	2,705	2,831	2,793	2,761
Balancing Item .....	24,044	36,112	-94,604	60,995	73,907
Total Supply.....	438,348	436,910	432,685	498,286	519,043

See footnotes at end of table.

Table 45. Summary Statistics for Natural Gas — Pacific Noncontiguous, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	385,816	380,922	370,003	433,003	451,395
Deliveries at Region Borders					
Exports.....	52,532	55,989	62,682	65,283	67,648
Intransit Deliveries.....	0	0	0	0	0
Interregion Deliveries.....	0	0	0	0	0
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Total Disposition.....	438,348	436,910	432,685	498,286	519,043
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	197,975	202,199	200,809	253,695	255,500
Pipeline Fuel.....	2,864	2,859	3,024	2,425	2,012
Plant Fuel.....	36,741	35,503	37,347	39,116	40,334
Delivered to Consumers					
Residential.....	14,901	14,415	15,473	15,805	16,720
Commercial.....	23,443	22,126	22,898	27,178	29,447
Industrial.....	80,938	75,795	61,404	64,977	75,616
Vehicle Fuel.....	0	0	0	0	0
Electric Utilities.....	28,953	28,025	29,048	29,809	31,767
Total Delivered to Consumers.....	148,236	140,361	128,823	137,768	153,549
Total Consumption.....	385,816	380,922	370,003	433,003	451,395
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	0	5,019	9,990
Industrial.....	24,455	22,258	25,523	31,112	27,026
Electric Utilities.....	8,925	7,693	8,368	8,990	9,116
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	14,415	15,473	15,805	16,720
Commercial.....	NA	21,781	22,535	26,835	28,851
Industrial.....	NA	73,574	57,618	61,463	72,757
Electric Utilities.....	NA	25,934	27,541	29,023	30,163
Vehicle Fuel.....	NA	0	0	0	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	0	0	0	0
Commercial.....	NA	344	363	343	596
Industrial.....	NA	2,221	3,786	3,515	2,859
Electric Utilities.....	NA	676	706	664	661
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	104,073	105,826	108,284	109,966	112,365
Commercial.....	14,997	15,581	15,280	15,409	15,555
Industrial.....	10	11	11	9	202
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	143	136	143	144	149
Commercial.....	1,563	1,420	1,499	1,764	1,893
Industrial.....	8,093,795	6,890,453	5,582,184	7,219,705	374,337
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.41	1.42	1.27	1.64	1.61
Imports.....	—	—	—	—	—
Exports.....	3.43	3.34	3.18	3.41	3.65
Pipeline Fuel.....	1.12	1.11	1.11	1.24	1.17
City Gate.....	5.45	4.02	1.88	1.99	1.98
Delivered to Consumers					
Residential.....	4.32	4.49	4.09	4.13	3.95
Commercial.....	3.62	3.75	3.43	3.33	3.64
Industrial.....	1.18	1.29	1.42	1.45	1.41
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities.....	0.57	0.64	0.72	1.29	1.45

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-759, "Monthly Power Plant Report." Deliveries to electric utilities for the account of others are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. The Pacific Noncontiguous Census Division includes Alaska and Hawaii. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

# State Summaries

**Table 46. Percent Distribution of Natural Gas Supply and Disposition by State, 1996**

State	Estimated Proved Reserves (dry)	Marketed Production	Total Consumption
Alabama.....	3.02	2.69	1.48
Alaska.....	5.58	2.43	2.04
Arizona.....	NA	0	0.55
Arkansas.....	0.88	1.12	1.23
California.....	1.25	1.45	8.23
Colorado.....	4.63	2.90	1.40
Connecticut.....	0	0	0.58
D.C.....	0	0	0.15
Delaware.....	0	0	0.25
Florida.....	0.06	0.03	2.21
Georgia.....	0	0	1.75
Hawaii.....	0	0	0.01
Idaho.....	0	0	0.31
Illinois.....	NA	0	5.10
Indiana.....	NA	0	2.61
Iowa.....	0	0	1.24
Kansas.....	4.62	3.61	1.65
Kentucky.....	0.59	0.41	1.08
Louisiana.....	5.73	26.53	7.58
Maine.....	0	0	0.03
Maryland.....	NA	0	0.88
Massachusetts.....	0	0	1.63
Michigan.....	1.24	1.24	4.62
Minnesota.....	0	0	1.68
Mississippi.....	0.38	0.52	1.23
Missouri.....	NA	0	1.34
Montana.....	0.48	0.26	0.28
Nebraska.....	NA	0.01	0.61
Nevada.....	0	0	0.56
New Hampshire.....	0	0	0.09
New Jersey.....	0	0	2.75
New Mexico.....	9.90	7.87	1.01
New York.....	0.14	0.09	5.15
North Carolina.....	0	0	0.97
North Dakota.....	0.28	0.25	0.22
Ohio.....	0.67	0.60	4.26
Oklahoma.....	NA	8.78	2.58
Oregon.....	0	0.01	0.77
Pennsylvania.....	1.02	0.68	3.31
Rhode Island.....	0	0	0.38
South Carolina.....	0	0	0.68
South Dakota.....	NA	0.01	0.17
Tennessee.....	NA	0.01	1.28
Texas.....	22.99	32.65	18.17
Utah.....	0.98	1.27	0.73
Vermont.....	0	0	0.03
Virginia.....	1.16	0.28	1.09
Washington.....	0	0	1.09
West Virginia.....	1.62	0.91	0.71
Wisconsin.....	0	0	1.83
Wyoming.....	7.40	3.37	0.46

NA = Not available.  
 Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; and EIA Report, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1996 Annual Report*, DOE/EIA-0216(96).

**Table 47. Percent Distribution of Natural Gas Delivered to Consumers by State, 1996**








State	Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities
Alabama.....	1.08	0.92	2.27	0.08	0.23
Alaska.....	0.31	0.87	0.85	—	1.16
Arizona.....	0.53	0.92	0.30	3.91	0.70
Arkansas.....	0.88	0.98	1.59	0.11	1.24
California.....	9.03	7.44	7.82	43.11	11.64
Colorado.....	2.12	2.18	0.94	0.58	0.20
Connecticut.....	0.84	1.26	0.37	1.08	0.38
D.C.....	0.33	0.52	—	0.21	—
Delaware.....	0.19	0.21	0.16	0.04	0.86
Florida.....	0.31	1.32	1.54	3.00	10.38
Georgia.....	2.42	1.94	2.05	0.02	0.17
Hawaii.....	0.01	0.07	—	—	—
Idaho.....	0.29	0.36	0.39	1.17	—
Illinois.....	10.28	6.90	3.63	1.07	0.95
Indiana.....	3.43	2.77	3.26	3.81	0.16
Iowa.....	1.68	1.73	1.29	0.15	0.13
Kansas.....	1.63	1.81	1.24	0.06	0.83
Kentucky.....	1.34	1.30	1.07	0.27	0.07
Louisiana.....	1.08	0.82	11.82	0.78	9.23
Maine.....	0.02	0.08	0.03	—	—
Maryland.....	1.63	1.45	0.56	1.67	0.31
Massachusetts.....	2.18	3.05	1.13	0.17	1.65
Michigan.....	7.62	6.38	3.91	1.37	1.19
Minnesota.....	2.72	3.12	1.16	1.48	0.19
Mississippi.....	0.58	0.70	0.91	0.17	3.05
Missouri.....	2.62	2.31	0.81	1.06	0.19
Montana.....	0.42	0.47	0.20	0.45	0.02
Nebraska.....	0.94	1.29	0.41	—	0.09
Nevada.....	0.43	0.65	0.37	1.64	1.71
New Hampshire.....	0.13	0.23	0.06	—	—
New Jersey.....	4.25	4.76	2.27	0.01	0.95
New Mexico.....	0.64	0.84	0.26	2.64	1.10
New York.....	7.69	8.01	3.64	1.85	5.22
North Carolina.....	1.12	1.28	1.17	—	0.09
North Dakota.....	0.24	0.39	0.09	0.50	—
Ohio.....	7.15	6.02	3.91	7.81	0.11
Oklahoma.....	1.46	1.46	2.27	4.53	4.99
Oregon.....	0.63	0.81	0.99	0.85	0.51
Pennsylvania.....	5.32	4.90	2.75	1.18	0.27
Rhode Island.....	0.36	0.39	0.29	0.10	0.92
South Carolina.....	0.56	0.64	1.08	0.03	0.04
South Dakota.....	0.27	0.37	0.08	0.14	0.03
Tennessee.....	1.34	1.85	1.43	0.52	0.02
Texas.....	4.38	5.65	24.10	0.82	38.03
Utah.....	1.04	0.94	0.48	4.17	0.13
Vermont.....	0.05	0.09	0.02	—	—
Virginia.....	1.45	1.88	0.95	1.09	0.38
Washington.....	1.20	1.52	1.29	3.86	0.24
West Virginia.....	0.71	0.89	0.56	0.17	0.01
Wisconsin.....	2.82	2.97	1.69	1.79	0.27
Wyoming.....	0.26	0.31	0.57	0.49	—

— = Not applicable.

Sources: Energy Information Administration, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," and Form EIA-759, "Monthly Power Plant Report."



# Alabama — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	-163,226		 Industrial:	201,414	2.27
 Marketed Production:	530,841	2.69	 Vehicle Fuel:	2	0.07
Deliveries to Consumers:			 Electric Utilities:	6,146	0.22
 Residential:	56,522	1.08			
 Commercial:	29,000	0.92	Total:	293,084	1.47

**Table 48. Summary Statistics for Natural Gas — Alabama, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 <sup>a</sup> .....	5,802	5,140	4,830	4,868	5,033
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	3,350	3,514	3,565	3,526	4,105
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	403,848	435,066	566,141	568,190	570,907
From Oil Wells.....	9,766	11,255	12,722	11,935	11,394
Total.....	413,614	446,321	578,863	580,125	582,301
Repressuring.....	29,996	31,179	33,961	30,949	22,601
Nonhydrocarbon Gases Removed.....	26,719	25,320	26,980	26,580	27,006
Wet After Lease Separation.....	356,899	389,822	517,922	522,596	532,694
Vented and Flared.....	1,799	1,798	2,650	2,935	1,853
Marketed Production.....	355,099	388,024	515,272	519,661	530,841
Extraction Loss.....	5,490	5,589	5,647	5,273	5,361
Total Dry Production.....	349,609	382,435	509,625	514,388	525,480
<b>Supply (million cubic feet)</b>					
Dry Production.....	349,609	382,435	509,625	514,388	525,480
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts.....	0	0	0	0	0
Interstate Receipts.....	2,792,910	2,849,645	2,715,849	3,253,871	3,231,927
Withdrawals from Storage					
Underground Storage.....	0	0	55	1,448	2,125
LNG Storage.....	262	396	497	688	1,282
Supplemental Gas Supplies.....	171	410	69	*	18
Balancing Item.....	-30,213	-35,767	-46,633	-57,782	-35,808
Total Supply.....	3,112,739	3,197,119	3,179,462	3,712,613	3,725,024

See footnotes at end of table.

Table 48. Summary Statistics for Natural Gas — Alabama, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	278,794	292,346	288,863	321,577	325,542
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	2,833,444	2,904,162	2,888,962	3,389,137	3,395,153
Additions to Storage					
Underground Storage.....	0	0	694	1,375	3,349
LNG Storage.....	501	612	944	524	979
Total Disposition.....	3,112,739	3,197,119	3,179,462	3,712,613	3,725,024
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	8,391	8,912	9,381	10,468	10,492
Pipeline Fuel.....	18,631	15,559	14,904	20,064	19,139
Plant Fuel.....	4,477	4,453	3,747	3,806	2,827
Delivered to Consumers					
Residential.....	49,644	51,366	49,748	49,570	56,522
Commercial.....	25,232	25,723	25,526	26,228	29,000
Industrial.....	169,049	181,692	181,718	204,060	201,414
Vehicle Fuel.....	3	4	3	4	2
Electric Utilities.....	3,368	4,636	3,834	7,377	6,146
Total Delivered to Consumers.....	247,295	263,421	260,830	287,239	293,084
Total Consumption.....	278,794	292,346	288,863	321,577	325,542
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	2	0	0	0
Commercial.....	4,868	4,950	5,043	5,213	5,470
Industrial.....	118,457	131,817	132,073	156,374	155,962
Electric Utilities.....	2,739	2,753	3,271	7,441	5,101
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	51,366	49,748	49,570	56,522
Commercial.....	NA	21,280	21,008	21,484	25,728
Industrial.....	NA	56,379	71,344	87,327	89,299
Electric Utilities.....	NA	33	83	3,186	3,511
Vehicle Fuel.....	NA	4	3	4	2
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	4,443	4,518	4,744	3,272
Industrial.....	NA	125,313	110,374	116,732	112,115
Electric Utilities.....	NA	4,483	3,569	4,671	1,973
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	711,043	730,114	744,394	751,890	766,322
Commercial.....	58,068	57,827	60,320	60,902	62,064
Industrial.....	2,509	2,458	2,477	2,491	2,512
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	70	70	67	66	74
Commercial.....	435	445	423	431	467
Industrial.....	67,377	73,919	73,362	81,919	80,181
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.29	2.46	2.17	1.82	2.62
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.24	2.34	2.13	1.93	2.63
City Gate.....	3.21	3.51	3.44	2.89	3.48
Delivered to Consumers					
Residential.....	6.74	7.10	7.41	6.86	7.22
Commercial.....	5.71	6.19	6.38	5.80	6.19
Industrial.....	3.07	3.28	3.26	2.96	3.64
Vehicle Fuel.....	6.46	4.60	4.24	3.51	2.92
Electric Utilities.....	2.28	2.65	2.37	2.01	2.95

<sup>a</sup> Federal Offshore included in Louisiana.

NA = Not available.

— = Not applicable.

\* = Volume is less than 500,000 cubic feet.




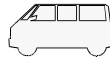



Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.





# Alaska — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	-67,648		 Industrial:	75,616	0.85
 Marketed Production:	480,828	2.43	 Vehicle Fuel:	0	0.00
Deliveries to Consumers:			 Electric Utilities:	31,767	1.16
 Residential:	16,179	0.31			
 Commercial:	27,315	0.86	Total:	150,877	0.75

**Table 49. Summary Statistics for Natural Gas — Alaska, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	9,638	9,907	9,733	9,497	9,294
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	112	113	104	100	102
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	198,603	190,139	180,639	179,470	183,747
From Oil Wells .....	2,427,110	2,588,202	2,905,261	3,190,433	3,189,837
Total.....	2,625,713	2,778,341	3,085,900	3,369,904	3,373,584
Repressuring .....	2,168,019	2,325,506	2,517,259	2,891,618	2,885,686
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	457,694	452,835	568,642	478,285	487,897
Vented and Flared .....	14,097	22,485	13,240	8,736	7,070
Marketed Production.....	443,597	430,350	555,402	469,550	480,828
Extraction Loss .....	32,004	32,257	30,945	35,052	38,453
Total Dry Production.....	411,593	398,093	524,457	434,498	442,375
<b>Supply (million cubic feet)</b>					
Dry Production .....	411,593	398,093	524,457	434,498	442,375
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	0	0	0	0	0
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	24,060	36,136	-94,550	61,016	73,996
Total Supply.....	435,652	434,229	429,907	495,514	516,370

See footnotes at end of table.

Table 49. Summary Statistics for Natural Gas — Alaska, 1992-1996 (Continued)

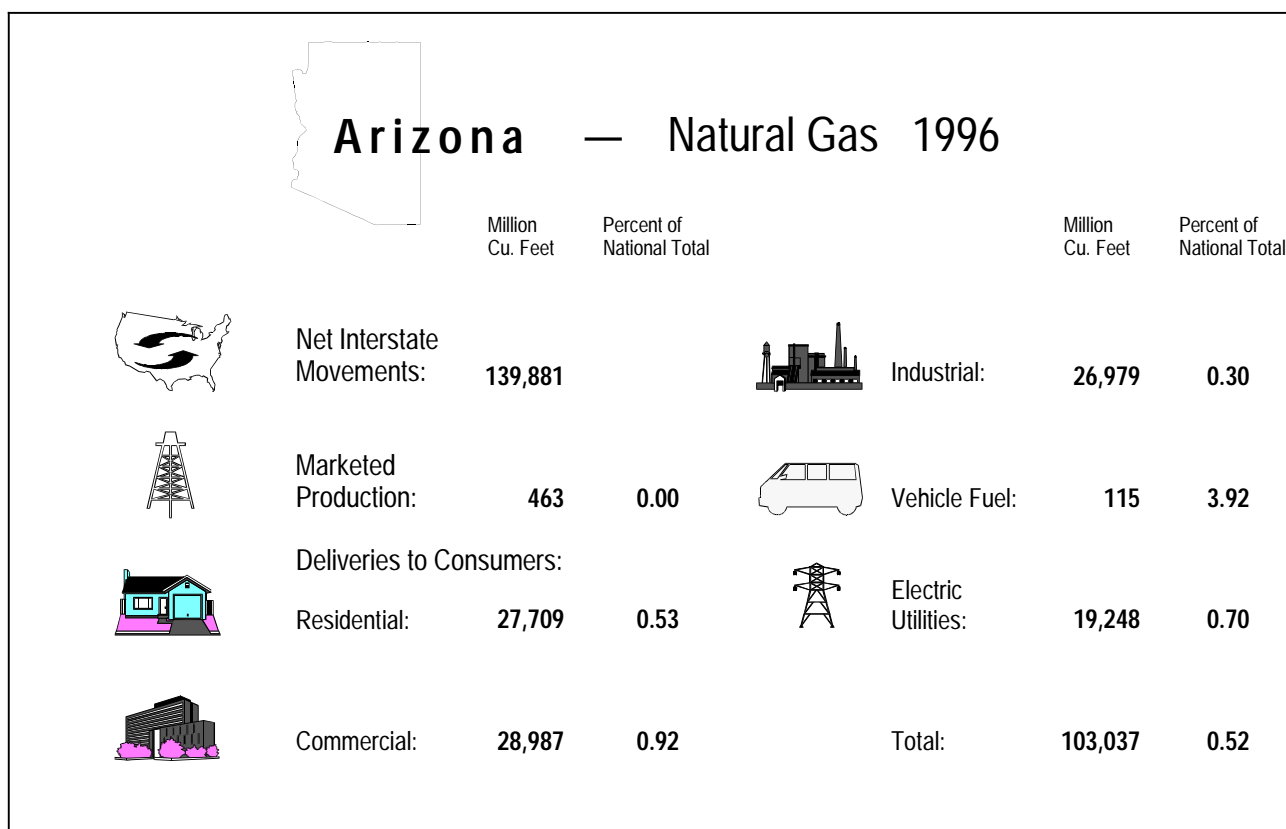
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	383,121	378,241	367,225	430,231	448,722
Deliveries at State Borders					
Exports.....	52,532	55,989	62,682	65,283	67,648
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	0	0	0	0	0
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Total Disposition.....	435,652	434,229	429,907	495,514	516,370
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	197,975	202,199	200,809	253,695	255,500
Pipeline Fuel.....	2,864	2,859	3,024	2,425	2,012
Plant Fuel.....	36,741	35,503	37,347	39,116	40,334
Delivered to Consumers					
Residential.....	14,350	13,858	14,895	15,231	16,179
Commercial.....	21,299	20,003	20,698	24,979	27,315
Industrial.....	80,938	75,795	61,404	64,977	75,616
Vehicle Fuel.....	0	0	0	0	0
Electric Utilities.....	28,953	28,025	29,048	29,809	31,767
Total Delivered to Consumers.....	145,541	137,680	126,045	134,996	150,877
Total Consumption.....	383,121	378,241	367,225	430,231	448,722
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	0	5,019	9,990
Industrial.....	24,455	22,258	25,523	31,112	27,026
Electric Utilities.....	8,925	7,693	8,368	8,990	9,116
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	13,858	14,895	15,231	16,179
Commercial.....	NA	20,003	20,698	24,979	26,986
Industrial.....	NA	73,574	57,618	61,463	72,757
Electric Utilities.....	NA	25,934	27,541	29,023	30,163
Vehicle Fuel.....	NA	0	0	0	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	0	0	0	329
Industrial.....	NA	2,221	3,786	3,515	2,859
Electric Utilities.....	NA	676	706	664	661
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	74,268	75,842	77,670	79,474	81,348
Commercial.....	12,204	12,359	12,475	12,584	12,732
Industrial.....	10	11	11	9	202
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	193	183	192	192	199
Commercial.....	1,745	1,618	1,659	1,985	2,145
Industrial.....	8,093,795	6,890,453	5,582,184	7,219,705	374,337
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.41	1.42	1.27	1.64	1.61
Imports.....	—	—	—	—	—
Exports.....	3.43	3.34	3.18	3.41	3.65
Pipeline Fuel.....	1.12	1.11	1.11	1.24	1.17
City Gate.....	0.34	0.33	1.62	1.67	1.58
Delivered to Consumers					
Residential.....	3.79	3.96	3.60	3.63	3.42
Commercial.....	2.64	2.78	2.48	2.27	2.32
Industrial.....	1.18	1.29	1.42	1.45	1.41
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities.....	0.57	0.64	0.72	1.29	1.45

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 50. Summary Statistics for Natural Gas — Arizona, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	NA	NA	NA	NA	NA
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	6	6	6	7	7
<b>Production (million cubic feet)</b>					
Gross Withdrawals .....					
From Gas Wells.....	721	508	711	470	417
From Oil Wells .....	72	110	48	88	47
Total.....	794	618	759	558	464
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	794	618	759	558	464
Vented and Flared .....	23	21	8	0	0
Marketed Production.....	771	597	752	558	463
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	771	597	752	558	463
<b>Supply (million cubic feet)</b>					
Dry Production .....	771	597	752	558	463
Receipts at State Borders .....					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,244,223	1,270,649	1,234,695	994,103	883,918
Withdrawals from Storage .....					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	4,718	-83,894	20,057	4,667	-19,994
Total Supply.....	1,249,712	1,187,352	1,255,504	999,327	864,387

See footnotes at end of table.

**Table 50. Summary Statistics for Natural Gas — Arizona, 1992-1996 (Continued)**

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	129,650	114,806	133,497	120,126	120,350
Deliveries at State Borders					
Exports.....	2,565	3,253	2,459	42	3,405
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,117,497	1,069,293	1,119,548	879,159	740,632
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Total Disposition.....	1,249,712	1,187,352	1,255,504	999,327	864,387
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	41	49	61	57	58
Pipeline Fuel.....	23,376	17,339	24,919	18,338	17,254
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	28,386	28,161	29,684	26,893	27,709
Commercial.....	27,089	27,568	29,187	28,210	28,987
Industrial.....	19,774	21,164	25,869	27,663	26,979
Vehicle Fuel.....	46	44	61	118	115
Electric Utilities.....	30,939	20,480	23,716	18,846	19,248
Total Delivered to Consumers.....	106,234	97,417	108,517	101,731	103,037
Total Consumption.....	129,650	114,806	133,497	120,126	120,350
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	2,021	2,336	2,709	3,282	4,309
Industrial.....	13,925	15,868	18,035	20,825	21,670
Electric Utilities.....	40,553	29,866	33,188	25,867	26,662
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	28,161	29,684	26,893	27,709
Commercial.....	NA	27,132	28,829	27,789	28,735
Industrial.....	NA	20,121	24,898	26,501	25,456
Electric Utilities.....	NA	27,219	32,636	25,575	26,624
Vehicle Fuel.....	NA	44	61	118	115
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	436	357	421	252
Industrial.....	NA	1,043	971	1,162	1,522
Electric Utilities.....	NA	2,678	594	325	68
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	604,899	610,337	635,335	661,192	689,597
Commercial.....	47,781	47,678	48,568	49,145	49,693
Industrial.....	532	526	519	530	534
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	47	46	47	41	40
Commercial.....	567	578	601	574	583
Industrial.....	37,169	40,236	49,844	52,195	50,522
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.85	1.30	1.40	1.20	1.65
Imports.....	—	—	—	—	—
Exports.....	1.42	1.08	1.73	1.53	1.92
Pipeline Fuel.....	1.25	1.68	1.28	1.19	1.80
City Gate.....	2.33	2.62	2.53	2.10	2.78
Delivered to Consumers					
Residential.....	7.24	7.20	7.54	7.82	7.52
Commercial.....	5.20	5.06	5.27	5.25	5.02
Industrial.....	4.16	4.02	3.57	3.81	3.80
Vehicle Fuel.....	3.63	3.57	3.93	3.76	3.45
Electric Utilities.....	2.28	2.88	2.23	1.77	3.03

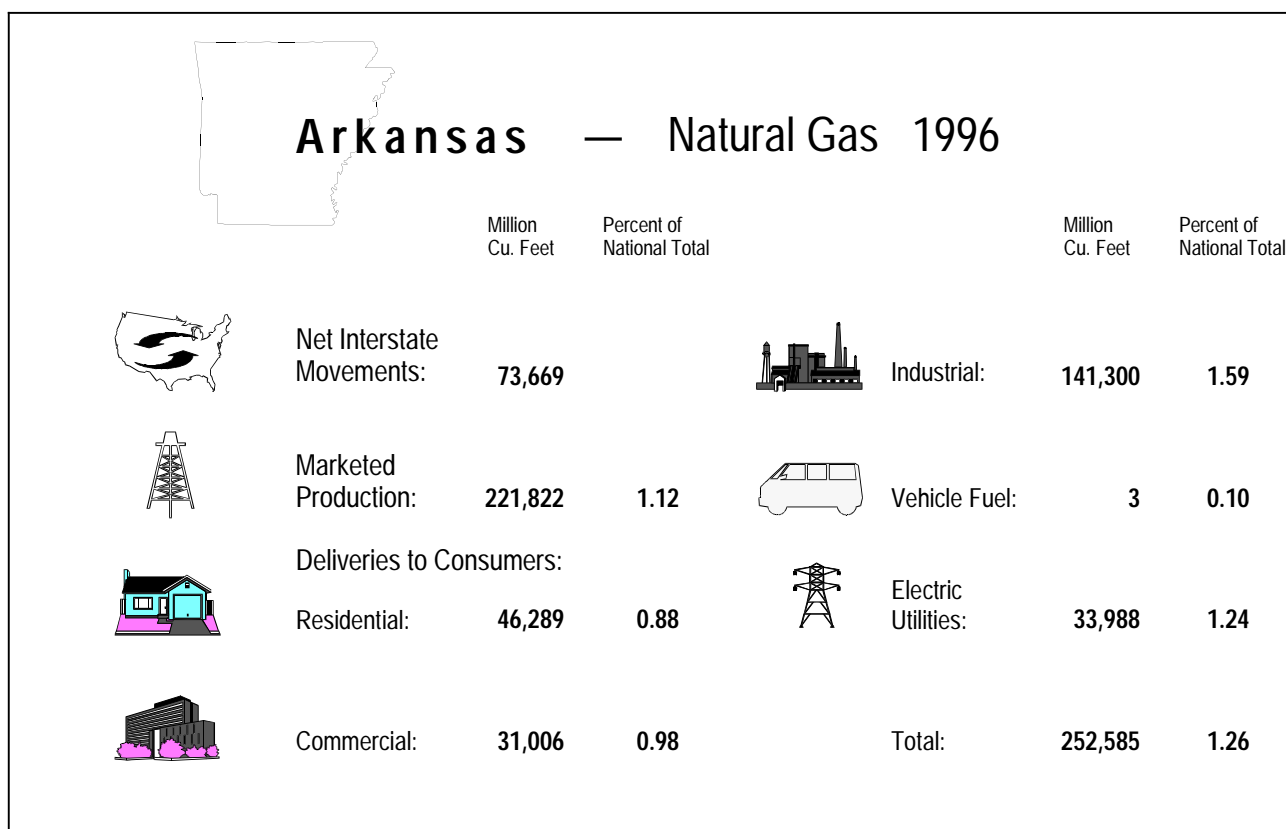
NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

# Arkansas — Natural Gas 1996



**Table 51. Summary Statistics for Natural Gas — Arkansas, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	1,750	1,552	1,607	1,563	1,470
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	3,500	3,500	3,500	3,988	4,020
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	171,543	166,273	161,967	161,390	182,895
From Oil Wells .....	39,364	38,279	33,446	33,979	41,551
Total.....	210,906	204,552	195,413	195,369	224,446
Repressuring .....	8,056	7,773	7,426	7,815	2,354
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	202,850	196,779	187,986	187,554	222,092
Vented and Flared .....	371	409	313	313	270
Marketed Production.....	202,479	196,370	187,673	187,242	221,822
Extraction Loss .....	413	507	553	488	479
Total Dry Production.....	202,066	195,863	187,120	186,754	221,343
<b>Supply (million cubic feet)</b>					
Dry Production .....	202,066	195,863	187,120	186,754	221,343
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	2,235,546	2,384,562	2,865,799	2,614,855	2,810,961
Withdrawals from Storage					
Underground Storage .....	2,975	8,481	5,731	6,076	7,216
LNG Storage.....	51	44	68	56	85
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	-20,293	-4,044	-9,054	1,505	-24,500
Total Supply.....	2,420,345	2,584,905	3,049,665	2,809,246	3,015,105

See footnotes at end of table.

Table 51. Summary Statistics for Natural Gas — Arkansas, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	224,576	231,201	244,425	257,068	270,661
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	2,193,258	2,353,378	2,801,918	2,546,781	2,737,292
Additions to Storage					
Underground Storage.....	2,461	272	3,249	5,368	7,152
LNG Storage.....	50	53	73	29	0
Total Disposition.....	2,420,345	2,584,905	3,049,665	2,809,246	3,015,105
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	5,570	6,053	4,283	5,083	5,124
Pipeline Fuel.....	8,085	9,662	11,840	11,445	12,501
Plant Fuel.....	268	352	467	468	451
Delivered to Consumers					
Residential.....	39,474	45,545	41,527	41,107	46,289
Commercial.....	25,314	28,998	27,407	27,409	31,006
Industrial.....	118,850	119,401	133,921	138,803	141,300
Vehicle Fuel.....	0	0	3	2	3
Electric Utilities.....	27,015	21,191	24,977	32,750	33,988
Total Delivered to Consumers.....	210,653	215,135	227,835	240,071	252,585
Total Consumption.....	224,576	231,201	244,425	257,068	270,661
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	2,343	2,393	1,351	1,104	1,550
Industrial.....	102,468	102,902	115,461	119,716	122,937
Electric Utilities.....	25,647	16,528	18,625	23,132	26,442
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	45,545	41,527	41,107	46,289
Commercial.....	NA	28,043	23,651	23,336	26,647
Industrial.....	NA	102,595	115,036	117,694	122,560
Electric Utilities.....	NA	5,803	13,517	21,945	25,197
Vehicle Fuel.....	NA	0	3	2	1
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	955	3,756	4,073	4,359
Industrial.....	NA	16,806	18,884	21,109	18,740
Electric Utilities.....	NA	11,859	5,903	2,108	2,684
Vehicle Fuel.....	NA	0	0	0	2
<b>Number of Consumers</b>					
Residential.....	504,722	513,466	521,176	531,182	539,952
Commercial.....	62,221	62,952	63,821	65,490	67,293
Industrial.....	1,319	1,364	1,417	1,366	1,488
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	78	89	80	77	86
Commercial.....	407	461	429	419	461
Industrial.....	90,106	87,537	94,510	101,613	94,960
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.15	2.81	2.65	3.02	3.82
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.78	1.64	1.61	1.45	2.41
City Gate.....	2.60	2.66	2.54	2.32	2.76
Delivered to Consumers					
Residential.....	5.10	5.38	5.71	5.48	5.92
Commercial.....	4.38	4.42	4.58	4.09	4.68
Industrial.....	3.13	3.31	3.28	2.78	3.28
Vehicle Fuel.....	—	—	4.29	3.94	3.86
Electric Utilities.....	1.57	2.27	1.87	1.74	2.52

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

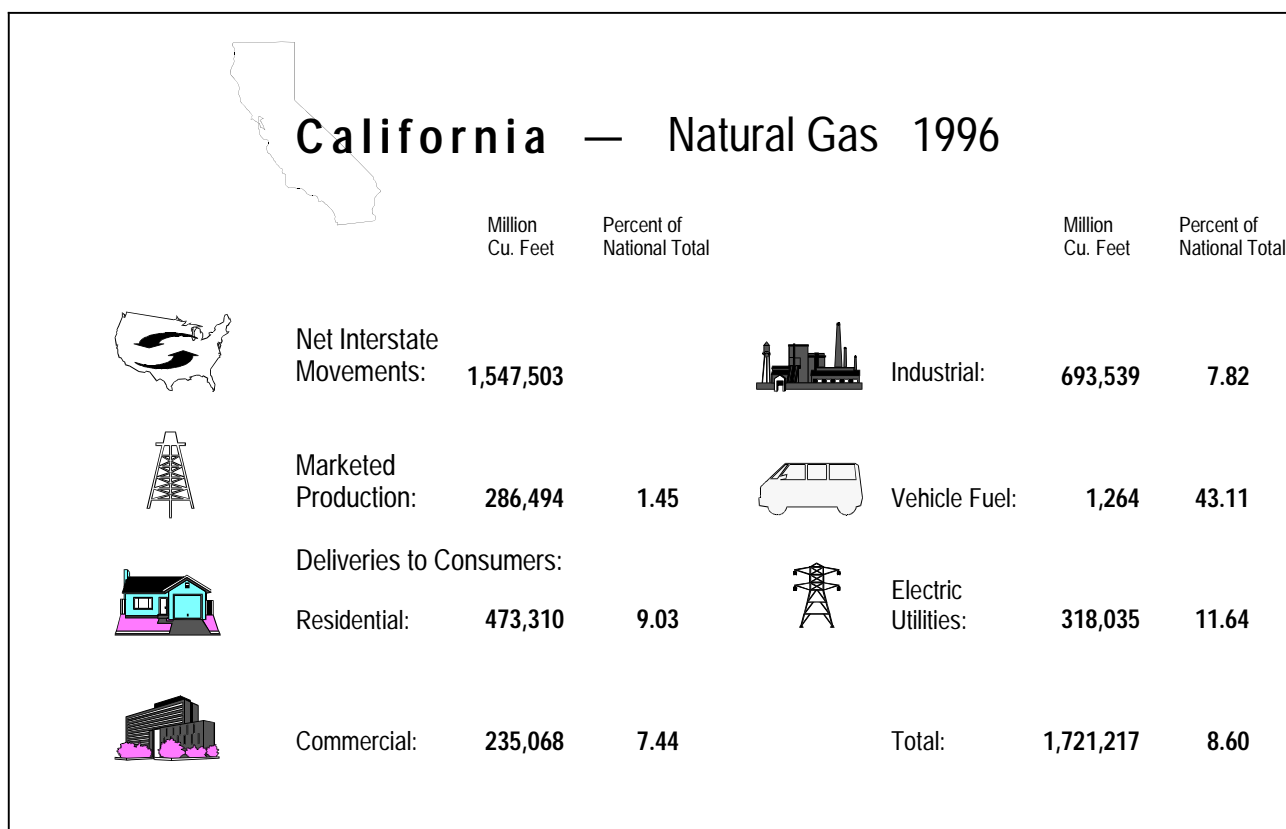


Table 52. Summary Statistics for Natural Gas — California, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	3,896	3,781	3,572	3,508	2,082
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	1,126	1,092	1,261	997	978
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	154,055	120,205	113,525	93,808	86,431
From Oil Wells .....	294,800	285,162	282,227	289,430	313,581
Total.....	448,855	405,367	395,752	383,238	400,011
Repressuring .....	81,330	87,806	84,369	101,513	111,317
Nonhydrocarbon Gases Removed .....	1,142	1,130	1,126	920	932
Wet After Lease Separation.....	366,383	316,431	310,257	280,805	287,763
Vented and Flared .....	751	580	830	1,250	1,268
Marketed Production.....	365,632	315,851	309,427	279,555	286,494
Extraction Loss .....	12,385	12,053	11,250	11,509	12,169
Total Dry Production.....	353,247	303,798	298,177	268,046	274,325
<b>Supply (million cubic feet)</b>					
Dry Production .....	353,247	303,798	298,177	268,046	274,325
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,610,708	1,654,143	1,887,149	1,690,530	1,547,503
Withdrawals from Storage					
Underground Storage .....	176,158	135,442	150,844	116,954	155,530
LNG Storage.....	51	37	94	72	50
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	38,452	38,123	-57,030	-6,140	-65,819
Total Supply.....	2,178,616	2,131,545	2,279,233	2,069,462	1,911,589

See footnotes at end of table.

Table 52. Summary Statistics for Natural Gas — California, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	2,030,564	1,976,397	2,123,310	1,925,110	1,807,314
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	0	0	0	0	0
Additions to Storage					
Underground Storage.....	148,039	155,135	155,910	144,312	104,238
LNG Storage.....	13	13	13	39	37
Total Disposition.....	2,178,616	2,131,545	2,279,233	2,069,462	1,911,589
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	84,220	80,210	63,251	62,160	63,297
Pipeline Fuel.....	14,763	11,800	12,132	18,942	18,281
Plant Fuel.....	8,008	7,096	6,388	4,287	4,520
Delivered to Consumers					
Residential.....	479,537	500,968	520,959	477,495	473,310
Commercial.....	285,008	250,283	261,989	278,761	235,068
Industrial.....	594,569	659,723	656,751	687,921	693,539
Vehicle Fuel.....	27	255	550	846	1,264
Electric Utilities.....	564,432	466,061	601,290	394,698	318,035
Total Delivered to Consumers.....	1,923,573	1,877,290	2,041,539	1,839,721	1,721,217
Total Consumption.....	2,030,564	1,976,397	2,123,310	1,925,110	1,807,314
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	3,502	3,700	3,507	2,848	3,472
Commercial.....	72,782	57,781	134,346	133,483	106,531
Industrial.....	430,836	485,326	537,503	604,196	622,182
Electric Utilities.....	406,235	342,457	556,557	367,940	263,937
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	500,968	520,959	477,495	473,310
Commercial.....	NA	240,998	222,004	238,061	195,119
Industrial.....	NA	582,492	399,736	411,695	397,828
Electric Utilities.....	NA	416,941	288,054	350,235	151,550
Vehicle Fuel.....	NA	255	529	846	1,264
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	9,284	39,985	40,700	39,949
Industrial.....	NA	77,232	257,015	276,226	295,711
Electric Utilities.....	NA	45,071	308,720	57,141	156,020
Vehicle Fuel.....	NA	0	21	0	0
<b>Number of Consumers</b>					
Residential.....	8,680,613	8,726,187	8,790,733	8,865,541	8,969,308
Commercial.....	412,467	411,648	411,140	411,535	408,294
Industrial.....	40,528	42,748	38,750	38,457	36,613
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	55	57	59	54	53
Commercial.....	691	608	637	677	576
Industrial.....	14,671	15,433	16,948	17,888	18,942
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.34	2.38	1.50	1.73	1.82
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.40	0.53	0.33	1.01	1.63
City Gate.....	2.72	2.85	2.57	2.03	2.59
Delivered to Consumers					
Residential.....	5.97	6.23	6.39	6.42	6.44
Commercial.....	5.15	6.03	7.12	6.21	5.96
Industrial.....	3.67	2.82	3.25	3.70	3.77
Vehicle Fuel.....	6.43	4.76	5.09	5.54	4.75
Electric Utilities.....	2.81	3.05	2.56	2.28	2.75

NA = Not available.

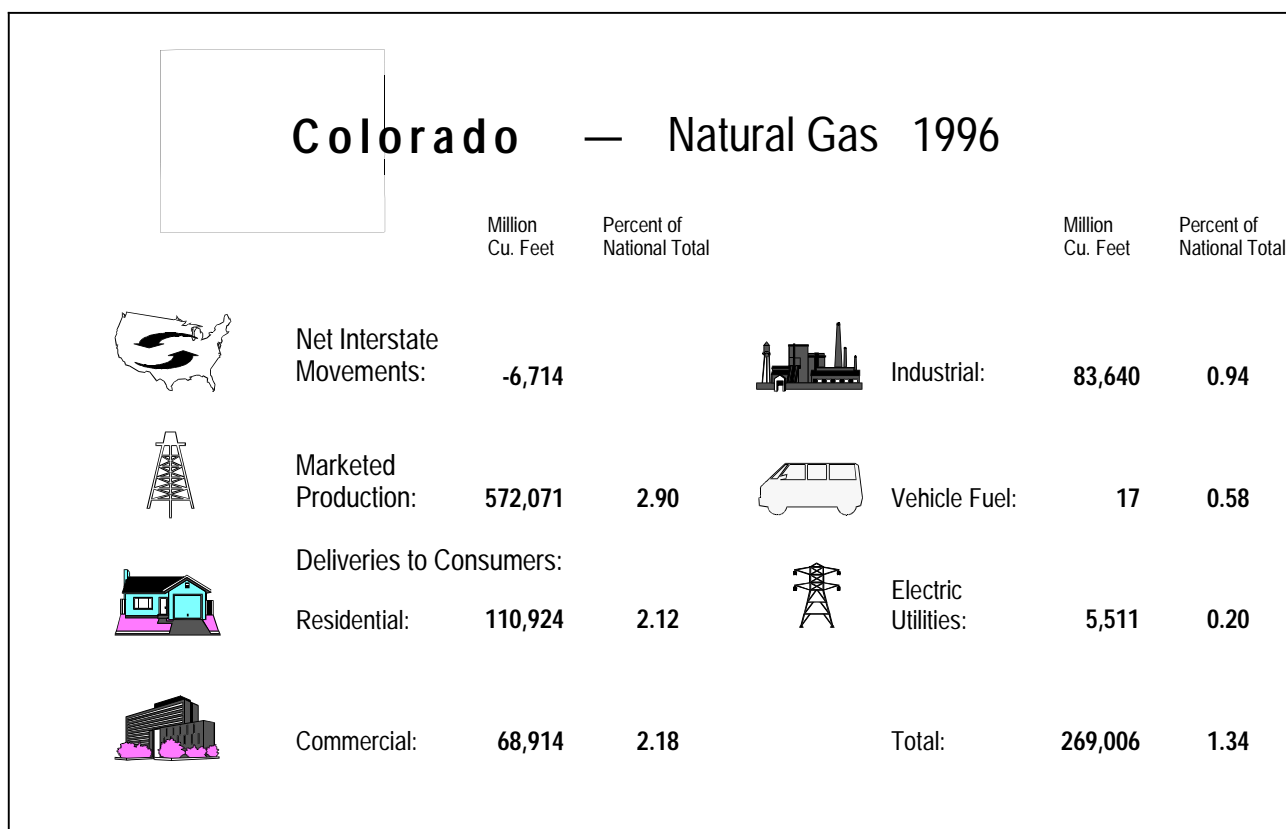
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Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



# Colorado — Natural Gas 1996



**Table 53. Summary Statistics for Natural Gas — Colorado, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	6,198	6,722	6,753	7,256	7,710
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	5,912	6,372	7,056	7,017	8,251
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	256,426	320,849	365,651	436,663	488,292
From Oil Wells .....	77,568	93,155	101,379	102,970	95,724
Total.....	333,994	414,004	467,031	539,633	584,016
Repressuring .....	9,085	10,995	11,347	15,040	10,715
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	324,909	403,009	455,683	524,593	573,301
Vented and Flared .....	1,868	2,024	2,476	1,510	1,230
Marketed Production.....	323,041	400,985	453,207	523,084	572,071
Extraction Loss .....	18,149	18,658	19,612	25,225	23,362
Total Dry Production.....	304,892	382,327	433,595	497,859	548,709
<b>Supply (million cubic feet)</b>					
Dry Production .....	304,892	382,327	433,595	497,859	548,709
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	523,124	503,217	585,207	699,431	744,096
Withdrawals from Storage					
Underground Storage .....	27,921	54,294	30,085	36,565	36,804
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	7,158	8,456	8,168	7,170	6,787
Balancing Item .....	-13,191	23,747	48,328	-73,329	-240,412
Total Supply.....	849,905	972,040	1,105,383	1,167,696	1,095,985

See footnotes at end of table.

Table 53. Summary Statistics for Natural Gas — Colorado, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	253,073	284,185	275,761	283,591	307,367
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	573,771	636,724	798,437	844,388	750,810
Additions to Storage					
Underground Storage.....	23,061	51,132	31,185	39,717	37,808
LNG Storage.....	0	0	0	0	0
Total Disposition.....	849,905	972,040	1,105,383	1,167,696	1,095,985
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	8,936	12,969	11,865	11,570	12,598
Pipeline Fuel.....	8,248	7,617	9,998	11,280	10,869
Plant Fuel.....	12,233	11,863	12,482	13,560	14,894
Delivered to Consumers					
Residential.....	94,614	106,187	99,504	104,286	110,924
Commercial.....	66,420	71,647	65,870	66,639	68,914
Industrial.....	57,579	69,024	71,093	72,439	83,640
Vehicle Fuel.....	23	18	68	18	17
Electric Utilities.....	5,019	4,860	4,881	3,798	5,511
Total Delivered to Consumers.....	223,656	251,736	241,416	247,180	269,006
Total Consumption.....	253,073	284,185	275,761	283,591	307,367
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	2,993	3,241	3,403	3,863	4,702
Industrial.....	39,040	44,465	51,292	55,143	65,641
Electric Utilities.....	3,931	3,165	2,685	554	3,484
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	106,187	99,504	104,286	110,924
Commercial.....	NA	68,725	60,755	63,563	65,526
Industrial.....	NA	30,709	22,625	23,784	33,616
Electric Utilities.....	NA	2,034	1,532	1,417	4,105
Vehicle Fuel.....	NA	7	60	9	8
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	2,922	5,115	3,076	3,388
Industrial.....	NA	38,315	48,468	48,655	50,024
Electric Utilities.....	NA	2,736	2,687	572	683
Vehicle Fuel.....	NA	11	8	10	9
<b>Number of Consumers</b>					
Residential.....	1,022,542	1,044,699	1,073,308	1,108,899	1,147,743
Commercial.....	114,898	115,924	115,994	118,502	121,221
Industrial.....	1,108	1,032	1,176	1,528	2,099
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	93	102	93	94	97
Commercial.....	578	618	568	562	568
Industrial.....	51,967	66,884	60,453	47,408	39,848
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.37	1.61	1.39	0.95	1.37
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.89	1.86	1.78	1.45	1.97
City Gate.....	2.85	2.95	3.31	2.65	2.70
Delivered to Consumers					
Residential.....	4.56	4.52	4.92	4.80	4.39
Commercial.....	4.00	4.04	4.37	4.23	3.67
Industrial.....	2.20	2.35	2.38	2.86	2.91
Vehicle Fuel.....	3.45	2.70	3.55	1.51	2.12
Electric Utilities.....	2.14	2.53	2.21	1.74	2.09

NA = Not available.




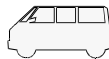



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## Connecticut — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	134,294		 Industrial:	32,451	0.37
 Marketed Production:	0	0.00	 Vehicle Fuel:	32	1.09
Deliveries to Consumers:			 Electric Utilities:	10,456	0.38
 Residential:	43,764	0.83			
 Commercial:	39,786	1.26	Total:	126,488	0.63

**Table 54. Summary Statistics for Natural Gas — Connecticut, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	336,972	302,126	324,576	410,639	388,927
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	714	640	1,497	1,109	1,585
Supplemental Gas Supplies .....	40	94	29	68	48
Balancing Item .....	-7,691	-2,305	9,463	-19,321	-5,784
Total Supply.....	330,036	300,554	335,564	392,495	384,776

See footnotes at end of table.

Table 54. Summary Statistics for Natural Gas — Connecticut, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	111,305	111,501	120,031	132,273	127,878
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	218,371	188,443	214,098	259,486	254,633
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	359	610	1,435	736	2,265
Total Disposition.....	330,036	300,554	335,564	392,495	384,776
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	590	460	697	1,144	1,390
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	42,394	42,213	41,600	40,824	43,764
Commercial.....	29,838	31,427	39,082	37,879	39,786
Industrial.....	36,383	36,842	30,647	33,106	32,451
Vehicle Fuel.....	*	*	2	12	32
Electric Utilities.....	2,100	557	8,002	19,310	10,456
Total Delivered to Consumers.....	110,715	111,040	119,334	131,130	126,488
Total Consumption.....	111,305	111,501	120,031	132,273	127,878
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	1,037	602	7,455	6,836	5,193
Industrial.....	12,514	10,164	1,435	4,130	5,008
Electric Utilities.....	1,881	140	6,941	16,058	8,427
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	42,213	41,265	40,476	43,462
Commercial.....	NA	22,635	27,680	25,278	29,725
Industrial.....	NA	18,187	14,289	15,068	15,116
Electric Utilities.....	NA	108	6,807	13,475	7,601
Vehicle Fuel.....	NA	*	1	8	17
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	336	348	302
Commercial.....	NA	8,792	11,402	12,601	10,061
Industrial.....	NA	18,655	16,358	18,037	17,334
Electric Utilities.....	NA	276	1,047	4,747	2,474
Vehicle Fuel.....	NA	0	1	4	14
<b>Number of Consumers</b>					
Residential.....	432,244	427,761	428,157	431,909	433,778
Commercial.....	46,859	45,529	45,042	45,935	47,055
Industrial.....	2,923	2,952	3,754	3,705	3,435
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	98	99	97	95	101
Commercial.....	637	690	868	825	846
Industrial.....	12,447	12,480	8,164	8,935	9,447
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.95	3.53	2.62	2.20	3.50
City Gate.....	3.73	3.87	4.17	4.70	5.11
Delivered to Consumers					
Residential.....	8.96	9.43	10.14	10.00	10.08
Commercial.....	7.20	7.02	7.39	7.57	7.41
Industrial.....	4.92	4.77	4.49	4.39	4.80
Vehicle Fuel.....	12.45	8.97	7.74	6.08	6.66
Electric Utilities.....	2.74	3.90	1.99	2.01	2.76

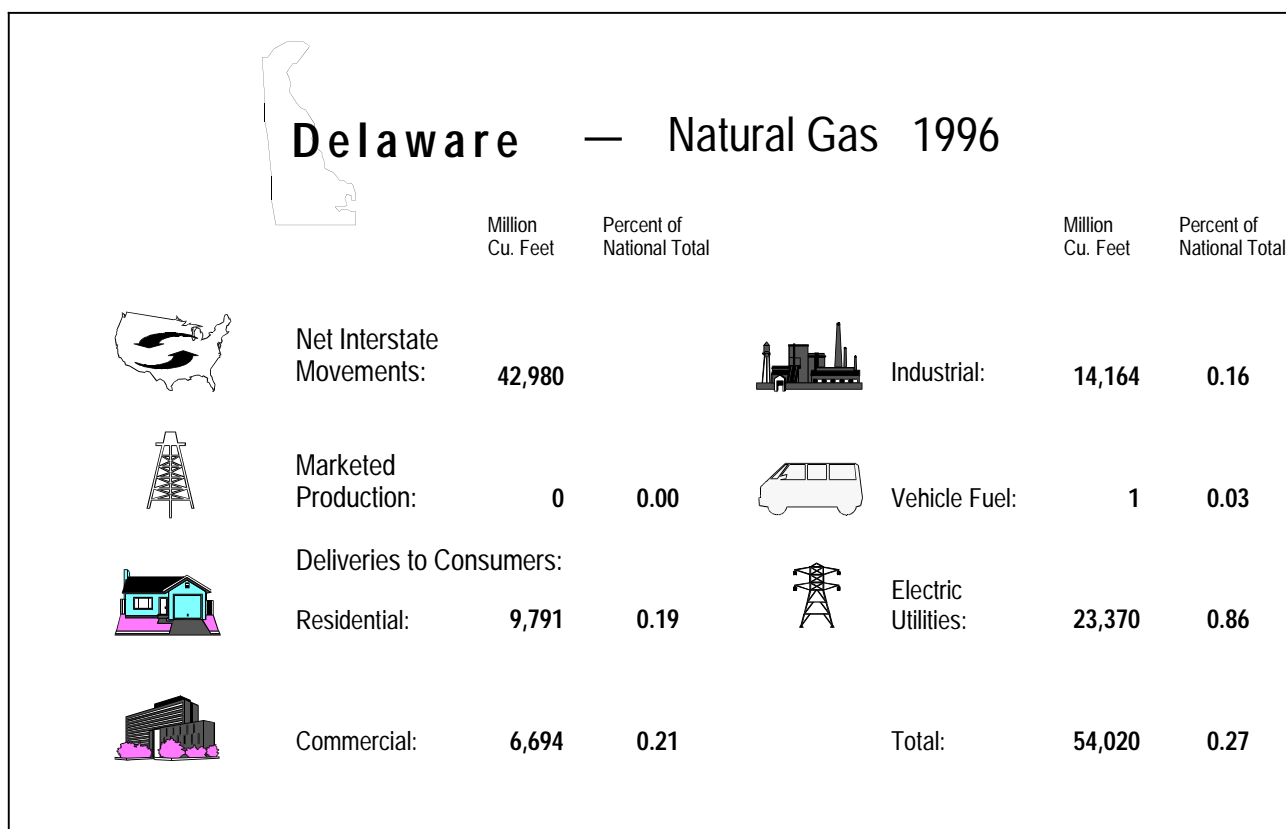
NA = Not available.

— = Not applicable.

\* = Volume is less than 500,000 cubic feet.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 55. Summary Statistics for Natural Gas — Delaware, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	40,864	43,788	52,304	54,864	46,232
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	66	95	202	103	226
Supplemental Gas Supplies .....	3,665	3,597	3,032	1	1
Balancing Item .....	-1,696	-2,807	-3,781	8,827	11,055
Total Supply.....	42,898	44,674	51,758	63,795	57,514

See footnotes at end of table.

Table 55. Summary Statistics for Natural Gas — Delaware, 1992-1996 (Continued)

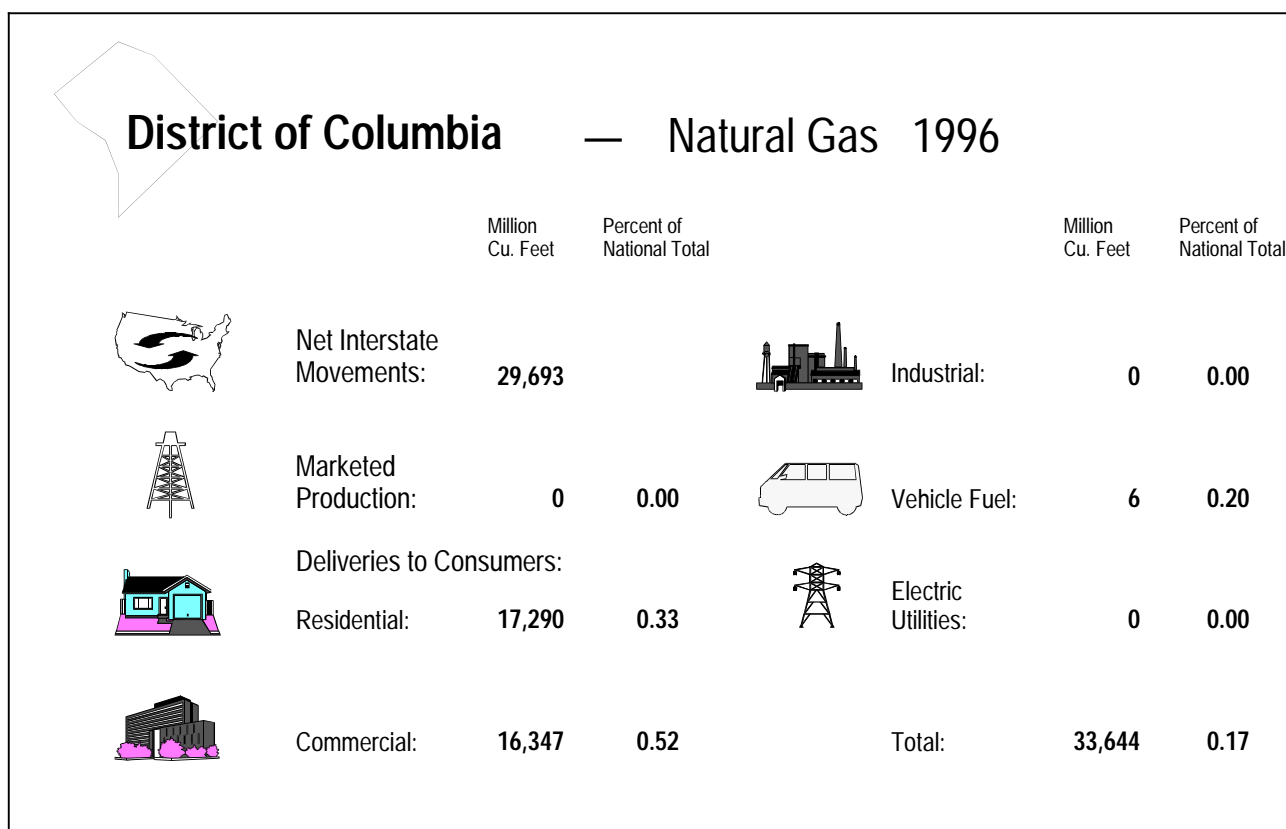
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	39,608	41,612	48,636	60,662	54,026
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	3,230	2,963	2,896	3,030	3,252
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	61	99	225	103	237
Total Disposition.....	42,898	44,674	51,758	63,795	57,514
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	4	4	4	5	5
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	8,194	8,295	8,557	8,505	9,791
Commercial.....	4,965	5,195	5,459	5,743	6,694
Industrial.....	18,060	19,453	17,216	19,399	14,164
Vehicle Fuel.....	0	0	1	1	1
Electric Utilities.....	8,384	8,665	17,399	27,010	23,370
Total Delivered to Consumers.....	39,604	41,608	48,632	60,658	54,020
Total Consumption.....	39,608	41,612	48,636	60,662	54,026
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	0	0	0
Industrial.....	6,316	4,922	5,631	6,281	8,882
Electric Utilities.....	48	58	16,120	21,423	19,088
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	8,295	8,557	8,505	9,791
Commercial.....	NA	5,195	5,459	5,743	6,694
Industrial.....	NA	13,144	10,336	11,048	12,303
Electric Utilities.....	NA	8,322	16,187	25,043	21,468
Vehicle Fuel.....	NA	0	1	1	1
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	0	0	0	0
Industrial.....	NA	6,309	6,880	8,352	1,861
Electric Utilities.....	NA	141	1,281	1,903	510
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	94,027	96,914	100,431	103,531	106,548
Commercial.....	8,173	8,409	8,721	9,133	9,518
Industrial.....	248	249	252	253	250
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	87	86	85	82	92
Commercial.....	607	618	626	629	703
Industrial.....	72,823	78,126	68,319	76,678	56,657
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	3.01	3.19	3.02	3.02	3.51
City Gate.....	2.83	3.24	2.95	2.70	3.68
Delivered to Consumers					
Residential.....	6.13	6.70	7.43	6.60	7.12
Commercial.....	4.94	5.46	6.17	5.28	5.82
Industrial.....	3.25	3.40	3.43	2.94	4.32
Vehicle Fuel.....	—	—	—	3.00	3.03
Electric Utilities.....	2.70	2.69	2.43	2.34	3.13

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Table 56. Summary Statistics for Natural Gas — District of Columbia, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	33,422	33,373	29,806	29,860	29,693
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	-465	-279	1,042	3,129	4,190
Total Supply.....	32,957	33,093	30,849	32,988	33,883

See footnotes at end of table.

Table 56. Summary Statistics for Natural Gas — District of Columbia, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	32,957	33,093	30,849	32,988	33,883
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	0	0	0	0	0
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Total Disposition.....	32,957	33,093	30,849	32,988	33,883
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	266	275	242	254	239
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	16,587	16,589	15,865	15,690	17,290
Commercial.....	16,103	16,229	14,742	17,035	16,347
Industrial.....	0	0	0	0	0
Vehicle Fuel.....	0	0	0	10	6
Electric Utilities.....	0	0	0	0	0
Total Delivered to Consumers.....	32,690	32,818	30,607	32,735	33,644
Total Consumption.....	32,957	33,093	30,849	32,988	33,883
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	155	332	1,343	3,954	4,823
Industrial.....	0	0	0	0	0
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	16,589	15,865	15,690	17,290
Commercial.....	NA	7,029	6,474	6,479	6,961
Industrial.....	NA	0	0	0	0
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	9,200	8,268	10,556	9,386
Industrial.....	NA	0	0	0	0
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	10	6
<b>Number of Consumers</b>					
Residential.....	136,438	135,986	135,119	135,299	135,215
Commercial.....	11,206	11,133	11,132	11,089	10,952
Industrial.....	0	0	0	0	0
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	122	122	117	116	128
Commercial.....	1,437	1,458	1,324	1,536	1,493
Industrial.....	0	0	0	0	0
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.95	2.58	2.13	1.97	3.02
City Gate.....	—	—	—	—	—
Delivered to Consumers					
Residential.....	7.61	8.34	8.29	8.03	9.19
Commercial.....	5.36	5.75	6.16	6.04	7.37
Industrial.....	—	—	—	—	—
Vehicle Fuel.....	—	—	—	2.06	4.94
Electric Utilities.....	—	—	—	—	—

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



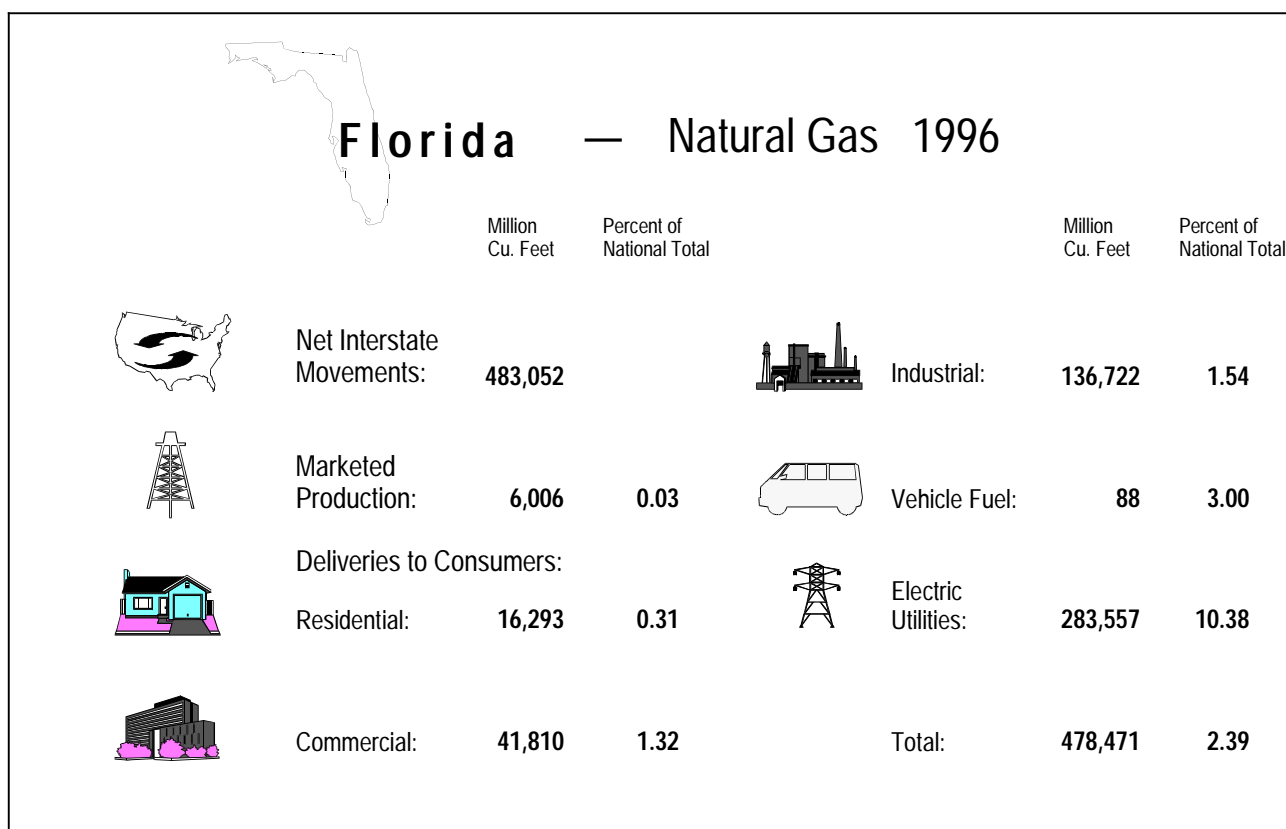


Table 57. Summary Statistics for Natural Gas — Florida, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	47	50	98	92	96
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	7,584	8,011	8,468	7,133	6,706
Total.....	7,584	8,011	8,468	7,133	6,706
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	682	721	762	642	700
Wet After Lease Separation.....	6,901	7,290	7,706	6,491	6,006
Vented and Flared .....	245	205	220	28	0
Marketed Production.....	6,657	7,085	7,486	6,463	6,006
Extraction Loss .....	2,563	2,557	1,789	1,630	1,649
Total Dry Production.....	4,094	4,528	5,697	4,833	4,357
<b>Supply (million cubic feet)</b>					
Dry Production .....	4,094	4,528	5,697	4,833	4,357
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	341,354	336,185	359,172	523,721	483,085
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	7,573	-4,795	2,713	-12,921	-1,041
Total Supply.....	353,021	335,918	367,582	515,633	486,401

See footnotes at end of table.

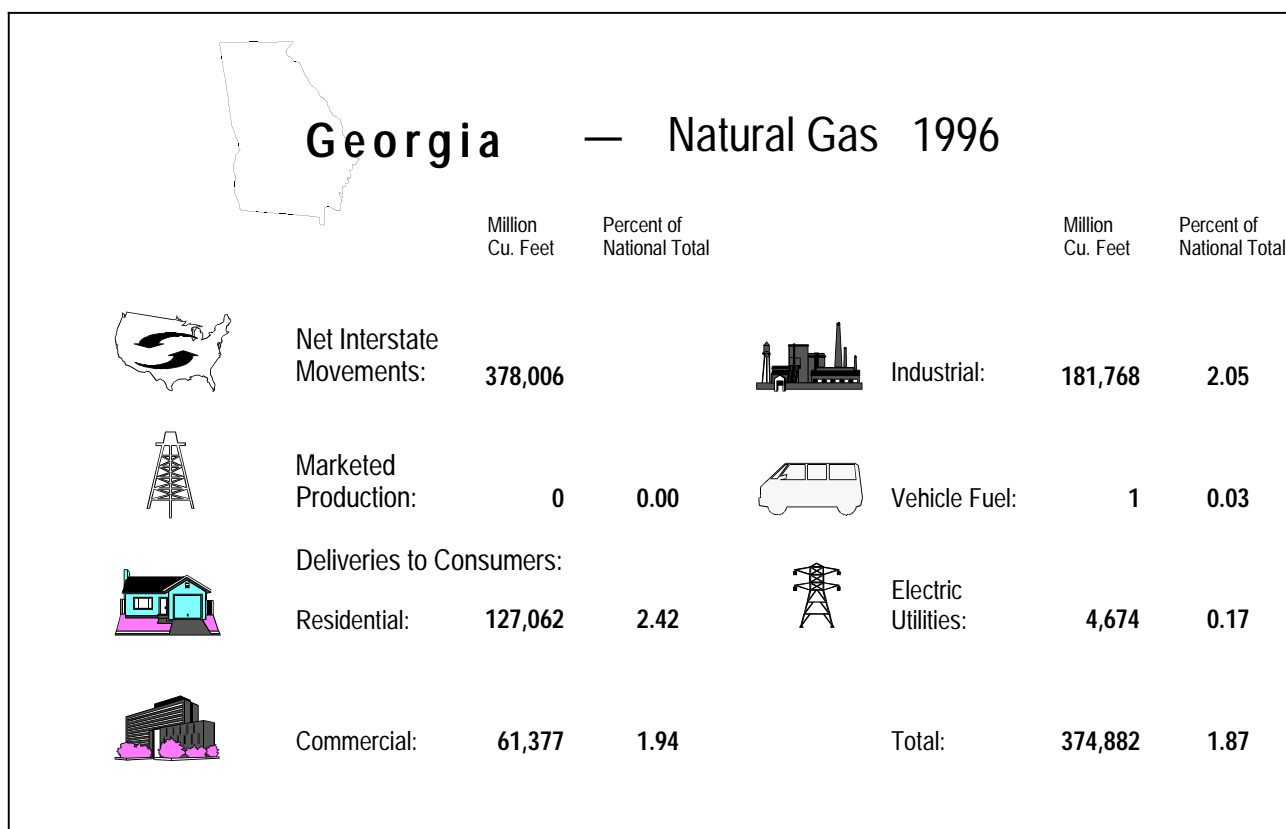
**Table 57. Summary Statistics for Natural Gas — Florida, 1992-1996 (Continued)**

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	352,992	335,888	367,552	515,598	486,367
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	29	30	30	34	33
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Total Disposition.....	353,021	335,918	367,582	515,633	486,401
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	3,819	476	653	620	2,049
Pipeline Fuel.....	4,337	4,342	5,304	7,504	5,723
Plant Fuel.....	1,315	1,241	167	145	125
Delivered to Consumers					
Residential.....	14,380	13,940	13,855	14,540	16,293
Commercial.....	41,727	41,151	39,935	40,383	41,810
Industrial.....	84,829	100,350	126,873	133,477	136,722
Vehicle Fuel.....	9	27	68	75	88
Electric Utilities.....	202,576	174,361	180,697	318,854	283,557
Total Delivered to Consumers.....	343,521	329,829	361,428	507,329	478,471
Total Consumption.....	352,992	335,888	367,552	515,598	486,367
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	82	85	85	92	118
Commercial.....	964	911	861	988	1,204
Industrial.....	56,893	73,610	106,166	112,361	119,191
Electric Utilities.....	186,524	177,954	182,379	308,563	269,460
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	14,837	13,855	14,540	16,293
Commercial.....	NA	39,802	39,127	39,761	40,677
Industrial.....	NA	27,195	47,194	57,376	55,063
Electric Utilities.....	NA	143,107	169,240	277,108	247,959
Vehicle Fuel.....	NA	27	67	75	88
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	1,349	809	622	1,134
Industrial.....	NA	73,155	79,679	76,101	81,659
Electric Utilities.....	NA	38,736	15,105	33,157	22,560
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	471,863	484,816	497,777	512,365	521,674
Commercial.....	45,123	47,344	47,851	46,459	47,578
Industrial.....	388	433	481	515	517
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	30	29	28	28	31
Commercial.....	925	869	835	869	879
Industrial.....	218,632	231,754	263,770	259,178	264,453
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.51	2.17	1.28	1.24	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.06	2.85	1.50	1.55	2.37
City Gate.....	2.61	2.76	2.78	2.74	3.73
Delivered to Consumers					
Residential.....	9.08	10.02	9.98	9.85	10.74
Commercial.....	4.98	5.84	5.54	5.33	6.45
Industrial.....	3.22	3.88	3.51	3.28	4.21
Vehicle Fuel.....	4.44	4.45	4.36	3.86	4.87
Electric Utilities.....	2.30	2.36	2.18	2.26	3.12

NA = Not available.  
 — = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Table 58. Summary Statistics for Natural Gas — Georgia, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,418,312	1,371,442	1,371,651	1,439,907	1,502,968
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	1,557	1,896	3,881	5,210	6,712
Supplemental Gas Supplies .....	166	199	123	130	94
Balancing Item .....	9,847	20,786	9,314	4,718	5,057
Total Supply.....	1,429,883	1,394,324	1,384,970	1,449,965	1,514,831

See footnotes at end of table.

Table 58. Summary Statistics for Natural Gas — Georgia, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	342,965	350,618	341,344	370,385	383,346
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,085,345	1,041,851	1,039,839	1,075,834	1,124,962
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	1,573	1,855	3,788	3,746	6,523
Total Disposition.....	1,429,883	1,394,324	1,384,970	1,449,965	1,514,831
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	7,501	7,020	6,987	7,651	8,463
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	108,214	115,655	105,436	114,670	127,062
Commercial.....	53,861	57,525	54,051	56,536	61,377
Industrial.....	172,227	167,388	173,839	183,692	181,768
Vehicle Fuel.....	0	4	3	2	1
Electric Utilities.....	1,162	3,026	1,028	7,834	4,674
Total Delivered to Consumers.....	335,464	343,598	334,357	362,734	374,882
Total Consumption.....	342,965	350,618	341,344	370,385	383,346
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	6,389	5,487	4,304	3,663	3,646
Industrial.....	111,987	112,491	108,859	118,125	123,193
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	115,655	105,436	114,670	127,062
Commercial.....	NA	44,652	42,537	44,215	49,758
Industrial.....	NA	28,771	46,311	46,308	44,133
Electric Utilities.....	NA	3,080	1,137	7,813	4,575
Vehicle Fuel.....	NA	0	0	0	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	12,873	11,514	12,321	11,618
Industrial.....	NA	138,617	127,529	137,384	137,635
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	4	2	2	0
<b>Number of Consumers</b>					
Residential.....	1,396,860	1,430,626	1,460,141	1,495,992	1,538,458
Commercial.....	111,423	114,889	117,980	120,122	123,200
Industrial.....	3,186	3,302	3,277	3,261	3,310
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	77	81	72	77	83
Commercial.....	483	501	458	471	498
Industrial.....	54,057	50,693	53,048	56,330	54,915
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.08	2.24	2.14	1.93	2.62
City Gate.....	3.28	3.77	3.54	2.96	3.77
Delivered to Consumers					
Residential.....	6.44	6.80	7.32	6.18	6.69
Commercial.....	5.55	5.83	6.18	5.20	5.89
Industrial.....	3.50	4.10	3.90	3.55	4.40
Vehicle Fuel.....	—	3.54	4.07	3.86	3.86
Electric Utilities.....	2.89	3.31	3.29	2.79	2.88

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

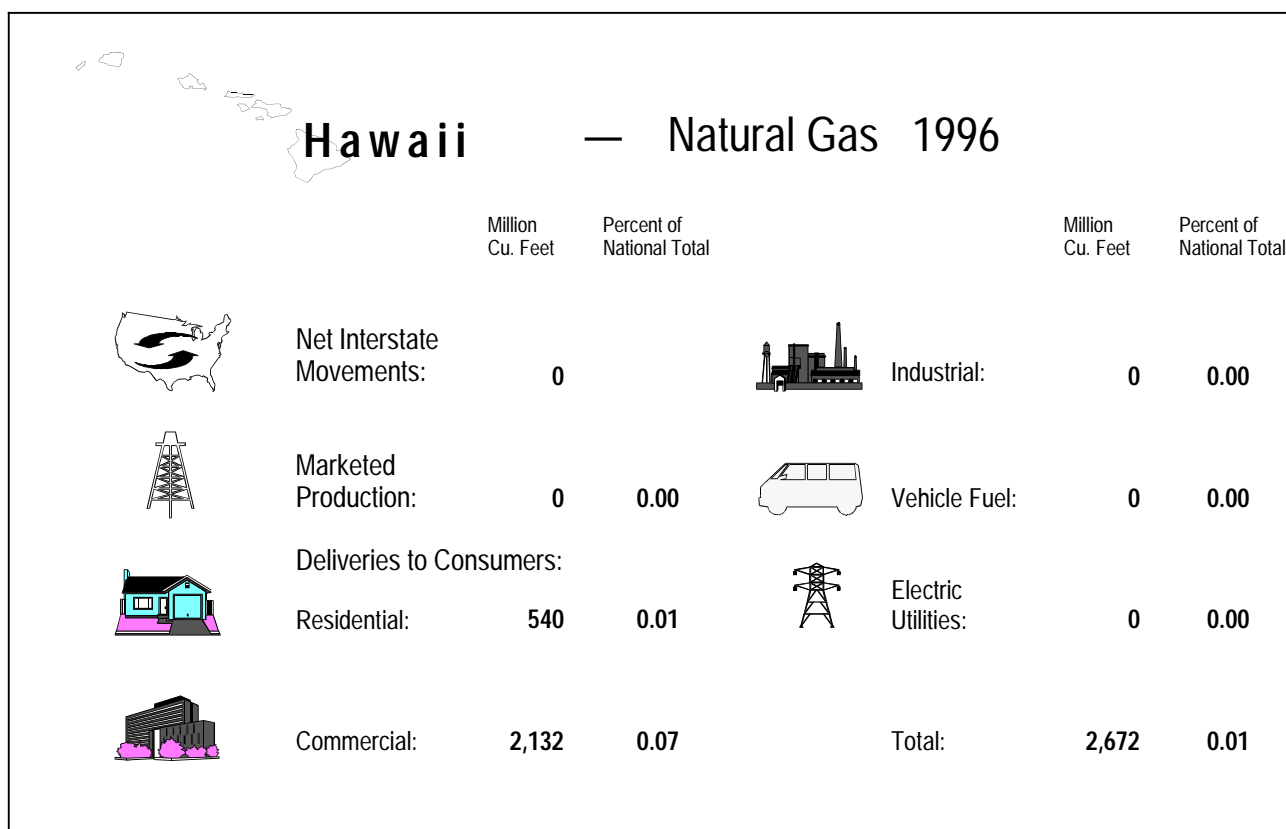


Table 59. Summary Statistics for Natural Gas — Hawaii, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	0	0	0	0	0
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	2,711	2,705	2,831	2,793	2,761
Balancing Item .....	-16	-24	-53	-21	-88
Total Supply.....	2,695	2,681	2,778	2,773	2,672

See footnotes at end of table.

Table 59. Summary Statistics for Natural Gas — Hawaii, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	2,695	2,681	2,778	2,773	2,672
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	0	0	0	0	0
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Total Disposition.....	2,695	2,681	2,778	2,773	2,672
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	0	0	0	0	0
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	551	558	578	574	540
Commercial.....	2,144	2,123	2,200	2,199	2,132
Industrial.....	0	0	0	0	0
Vehicle Fuel.....	0	0	0	0	0
Electric Utilities.....	0	0	0	0	0
Total Delivered to Consumers.....	2,695	2,681	2,778	2,773	2,672
Total Consumption.....	2,695	2,681	2,778	2,773	2,672
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	0	0	0
Industrial.....	0	0	0	0	0
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	558	578	574	540
Commercial.....	NA	1,779	1,837	1,856	1,865
Industrial.....	NA	0	0	0	0
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	344	363	343	267
Industrial.....	NA	0	0	0	0
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	29,805	29,984	30,614	30,492	31,017
Commercial.....	2,793	3,222	2,805	2,825	2,823
Industrial.....	0	0	0	0	0
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	18	19	19	19	17
Commercial.....	768	659	784	778	755
Industrial.....	0	0	0	0	0
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	—	—	—	—	—
City Gate.....	7.72	5.61	4.94	5.20	6.05
Delivered to Consumers					
Residential.....	18.03	17.51	16.83	17.55	19.81
Commercial.....	13.34	12.90	12.40	13.00	14.40
Industrial.....	—	—	—	—	—
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities.....	—	—	—	—	—

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

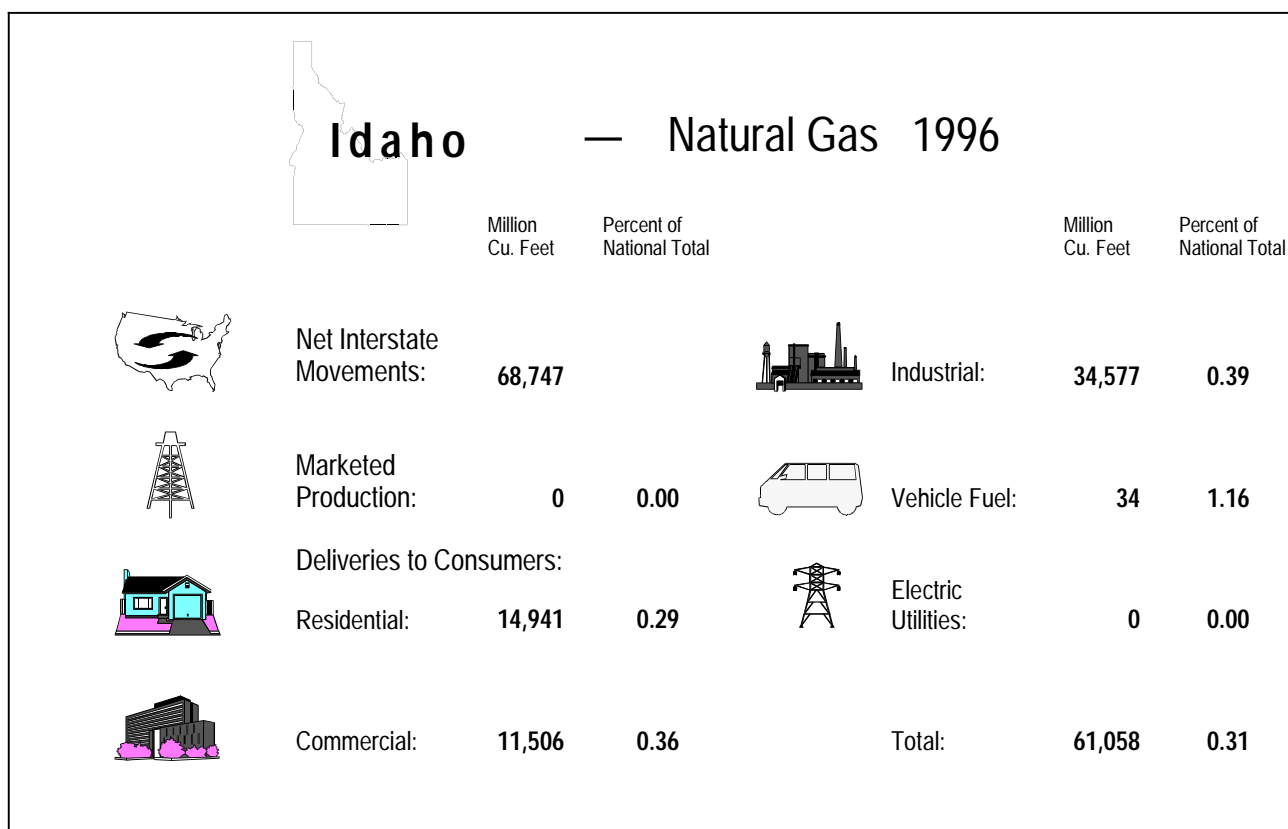


Table 60. Summary Statistics for Natural Gas — Idaho, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	496,451	511,727	723,071	823,478	842,114
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	103,589	91,967	98,230	139,483	126,244
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	1,385	1,339	373	434	661
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	-7,330	7,351	-4,498	-12,055	-1,765
Total Supply.....	594,096	612,383	817,176	951,340	967,254

See footnotes at end of table.

Table 60. Summary Statistics for Natural Gas — Idaho, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	48,915	56,160	56,905	63,777	67,006
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	543,842	554,834	759,717	887,158	899,611
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	1,338	1,389	554	405	636
Total Disposition.....	594,096	612,383	817,176	951,340	967,254
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	3,280	3,781	4,741	6,370	5,948
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	9,659	12,557	12,285	13,003	14,941
Commercial.....	8,932	10,675	10,088	10,360	11,506
Industrial.....	27,044	29,146	29,781	34,024	34,577
Vehicle Fuel.....	0	0	10	19	34
Electric Utilities.....	0	0	0	0	0
Total Delivered to Consumers.....	45,635	52,379	52,164	57,407	61,058
Total Consumption.....	48,915	56,160	56,905	63,777	67,006
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	1,278	1,405	1,427	1,450	1,543
Industrial.....	26,963	29,057	28,932	33,291	34,080
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	12,557	12,285	13,003	14,941
Commercial.....	NA	10,675	10,088	10,360	11,506
Industrial.....	NA	25,766	26,511	33,561	30,261
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	10	19	34
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	0	0	0	0
Industrial.....	NA	3,380	3,270	463	4,316
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	136,121	148,582	162,971	175,320	187,756
Commercial.....	21,145	21,989	22,999	24,150	25,271
Industrial.....	66	75	144	167	183
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	71	85	75	74	80
Commercial.....	422	485	439	429	455
Industrial.....	409,762	388,619	206,812	203,738	188,946
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	1.83	2.02	1.60	0.94	1.22
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.89	1.76	1.86	1.78	1.79
City Gate.....	2.18	2.26	2.46	2.18	2.24
Delivered to Consumers					
Residential.....	5.23	5.38	5.29	5.59	5.20
Commercial.....	4.40	4.65	5.01	4.87	4.56
Industrial.....	2.97	3.02	3.85	3.67	2.78
Vehicle Fuel.....	—	—	2.29	3.36	3.14
Electric Utilities.....	—	—	—	—	—

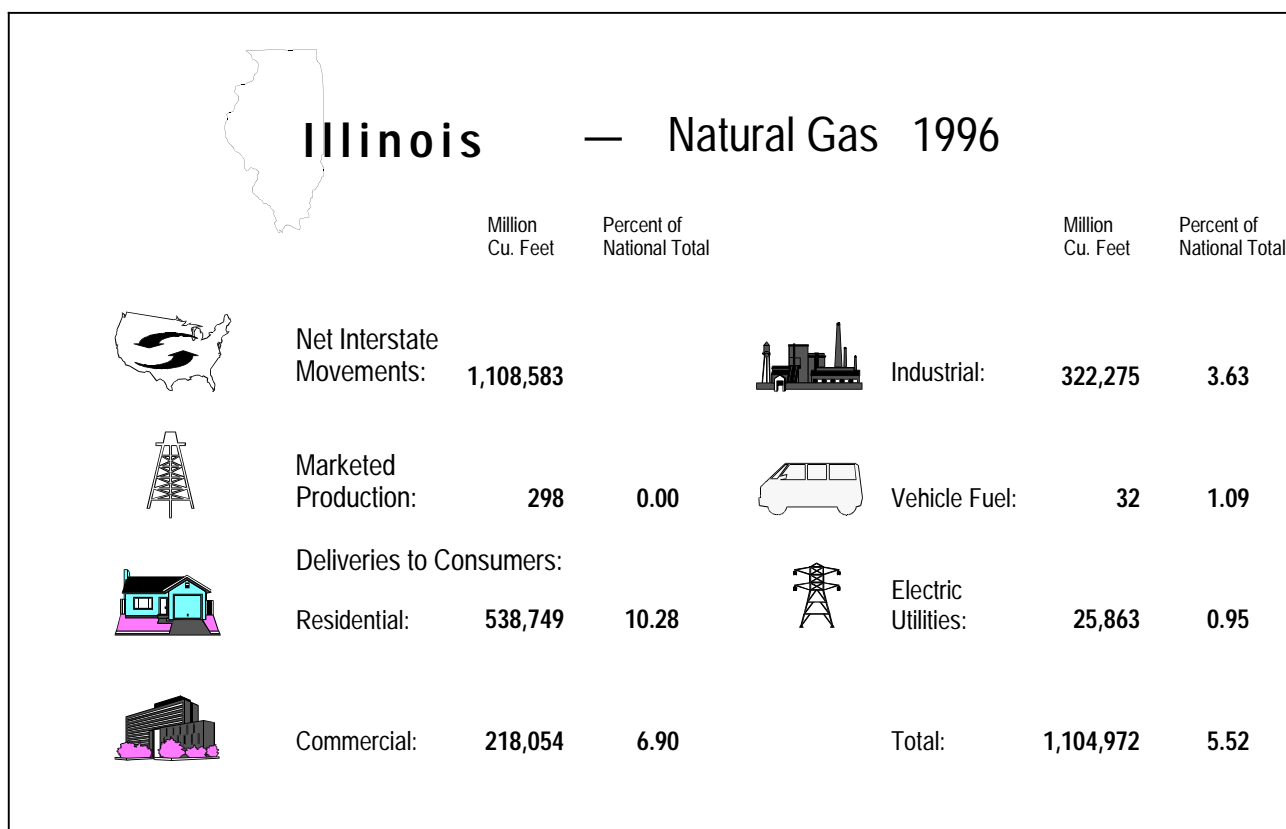
NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.





**Table 61. Summary Statistics for Natural Gas — Illinois, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	NA	NA	NA	NA	NA
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	382	385	390	372	370
<b>Production (million cubic feet)</b>					
Gross Withdrawals .....					
From Gas Wells.....	337	330	323	325	289
From Oil Wells .....	10	10	10	10	9
Total.....	347	340	333	335	298
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	347	340	333	335	298
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	347	340	333	335	298
Extraction Loss .....	100	86	80	77	64
Total Dry Production.....	247	254	253	258	234
<b>Supply (million cubic feet)</b>					
Dry Production .....	247	254	253	258	234
Receipts at State Borders .....					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	2,134,256	2,269,660	2,489,443	2,446,381	2,607,330
Withdrawals from Storage .....					
Underground Storage .....	223,012	228,319	222,871	286,390	226,020
LNG Storage.....	348	448	1,317	382	1,259
Supplemental Gas Supplies .....	8,042	9,760	7,871	6,256	3,912
Balancing Item .....	-44,689	-1,526	-131,627	-8,866	21,534
Total Supply.....	2,321,217	2,506,915	2,590,128	2,730,801	2,860,289

See footnotes at end of table.

**Table 61. Summary Statistics for Natural Gas — Illinois, 1992-1996 (Continued)**

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	993,428	1,031,253	1,024,908	1,078,543	1,119,443
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,112,815	1,234,731	1,328,116	1,388,479	1,498,747
Additions to Storage					
Underground Storage.....	214,404	240,515	235,778	263,409	241,129
LNG Storage.....	570	417	1,326	370	971
Total Disposition.....	2,321,217	2,506,915	2,590,128	2,730,801	2,860,289
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	9	10	10	7	7
Pipeline Fuel.....	11,330	11,620	13,828	13,208	14,388
Plant Fuel.....	98	106	101	90	75
Delivered to Consumers					
Residential.....	475,360	495,311	473,788	500,796	538,749
Commercial.....	196,964	203,157	197,558	203,802	218,054
Industrial.....	300,366	305,014	305,090	321,465	322,275
Vehicle Fuel.....	8	12	29	31	32
Electric Utilities.....	9,293	16,022	34,505	39,143	25,863
Total Delivered to Consumers.....	981,991	1,019,517	1,010,969	1,065,238	1,104,972
Total Consumption.....	993,428	1,031,253	1,024,908	1,078,543	1,119,443
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	29,783	31,795	31,119	34,652	34,758
Commercial.....	83,264	90,812	93,206	101,211	100,495
Industrial.....	255,365	265,110	267,348	286,103	278,262
Electric Utilities.....	9,726	14,227	32,064	35,703	24,894
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	495,311	473,788	500,796	538,749
Commercial.....	NA	200,101	197,449	203,732	217,976
Industrial.....	NA	280,374	283,174	305,656	307,618
Electric Utilities.....	NA	15,077	33,596	40,528	28,718
Vehicle Fuel.....	NA	12	29	31	32
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	3,056	108	70	78
Industrial.....	NA	24,640	21,916	15,810	14,657
Electric Utilities.....	NA	489	2	2	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	3,354,679	3,388,983	3,418,052	3,452,975	3,494,545
Commercial.....	263,988	268,104	262,308	264,756	265,007
Industrial.....	27,178	27,807	25,788	25,929	29,493
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	142	146	139	145	154
Commercial.....	746	758	753	770	823
Industrial.....	11,052	10,969	11,831	12,398	10,927
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.15	2.30	2.40	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.44	1.97	1.88	1.66	2.63
City Gate.....	3.20	3.30	3.02	2.59	3.27
Delivered to Consumers					
Residential.....	5.09	5.52	5.50	4.66	5.28
Commercial.....	4.65	5.10	5.12	4.42	4.92
Industrial.....	3.75	4.44	4.39	3.57	4.12
Vehicle Fuel.....	3.80	4.04	3.22	2.89	3.44
Electric Utilities.....	2.24	2.48	2.04	1.71	2.62

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

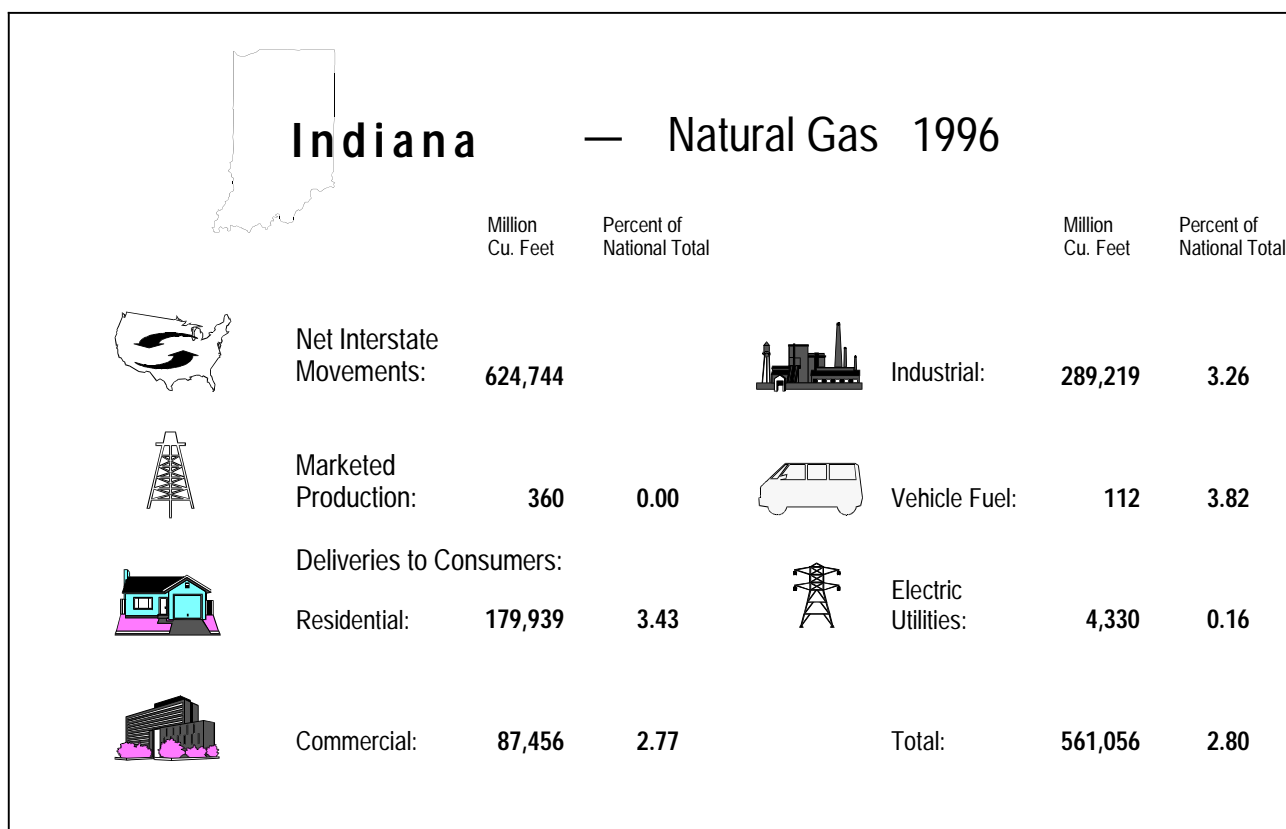


Table 62. Summary Statistics for Natural Gas — Indiana, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	NA	NA	NA	NA	NA
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	1,333	1,336	1,348	1,347	1,367
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	174	192	107	249	360
From Oil Wells .....	0	0	0	0	0
Total.....	174	192	107	249	360
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	174	192	107	249	360
Vented and Flared .....	NA	NA	NA	NA	NA
Marketed Production.....	174	192	107	249	360
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	174	192	107	249	360
<b>Supply (million cubic feet)</b>					
Dry Production .....	174	192	107	249	360
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,563,152	1,751,885	2,233,089	2,041,013	2,305,253
Withdrawals from Storage					
Underground Storage .....	26,611	25,332	21,081	25,046	25,462
LNG Storage.....	1,188	1,582	2,733	1,554	4,571
Supplemental Gas Supplies .....	3,507	3,232	2,457	3,199	3,194
Balancing Item .....	-1,733	3,560	-80,586	-34,543	-53,249
Total Supply.....	1,592,899	1,785,784	2,178,880	2,036,518	2,285,590

See footnotes at end of table.

Table 62. Summary Statistics for Natural Gas — Indiana, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	483,496	517,760	519,356	535,311	573,480
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,082,783	1,239,776	1,632,229	1,475,557	1,680,509
Additions to Storage					
Underground Storage.....	25,770	25,928	24,656	24,335	27,263
LNG Storage.....	849	2,320	2,638	1,316	4,337
Total Disposition.....	1,592,899	1,785,784	2,178,880	2,036,518	2,285,590
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	5	6	2	5	8
Pipeline Fuel.....	4,726	6,759	6,872	7,586	12,416
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	152,692	163,944	157,467	161,059	179,939
Commercial.....	72,720	78,047	75,819	82,726	87,456
Industrial.....	245,523	263,283	270,128	275,487	289,219
Vehicle Fuel.....	59	54	59	98	112
Electric Utilities.....	7,772	5,667	9,009	8,349	4,330
Total Delivered to Consumers.....	478,765	510,995	512,482	527,719	561,056
Total Consumption.....	483,496	517,760	519,356	535,311	573,480
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	2,319	3,724	5,841	10,149	3,255
Industrial.....	188,562	210,303	233,870	236,435	241,236
Electric Utilities.....	6,129	4,204	7,370	11,986	6,373
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	163,944	157,467	161,059	179,939
Commercial.....	NA	72,688	70,323	76,041	81,040
Industrial.....	NA	62,865	61,982	64,219	72,016
Electric Utilities.....	NA	743	2,353	1,947	1,886
Vehicle Fuel.....	NA	54	59	98	112
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	5,359	5,496	6,685	6,416
Industrial.....	NA	200,417	208,146	211,267	217,204
Electric Utilities.....	NA	4,204	7,058	11,456	5,951
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	1,377,023	1,402,770	1,438,483	1,463,640	1,489,647
Commercial.....	129,973	131,925	134,336	137,162	139,097
Industrial.....	6,358	6,508	6,314	6,250	6,586
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	111	117	109	110	121
Commercial.....	559	592	564	603	629
Industrial.....	38,616	40,455	42,782	44,078	43,914
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.01	2.09	1.97	1.90	2.30
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.51	1.38	1.03	1.05	2.47
City Gate.....	3.08	3.18	2.98	2.84	3.09
Delivered to Consumers					
Residential.....	5.43	5.76	6.24	5.37	5.54
Commercial.....	4.57	4.99	5.33	4.38	4.67
Industrial.....	3.39	3.71	4.60	3.41	3.62
Vehicle Fuel.....	4.25	5.23	5.11	7.13	7.20
Electric Utilities.....	2.48	2.77	2.72	2.49	3.48

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

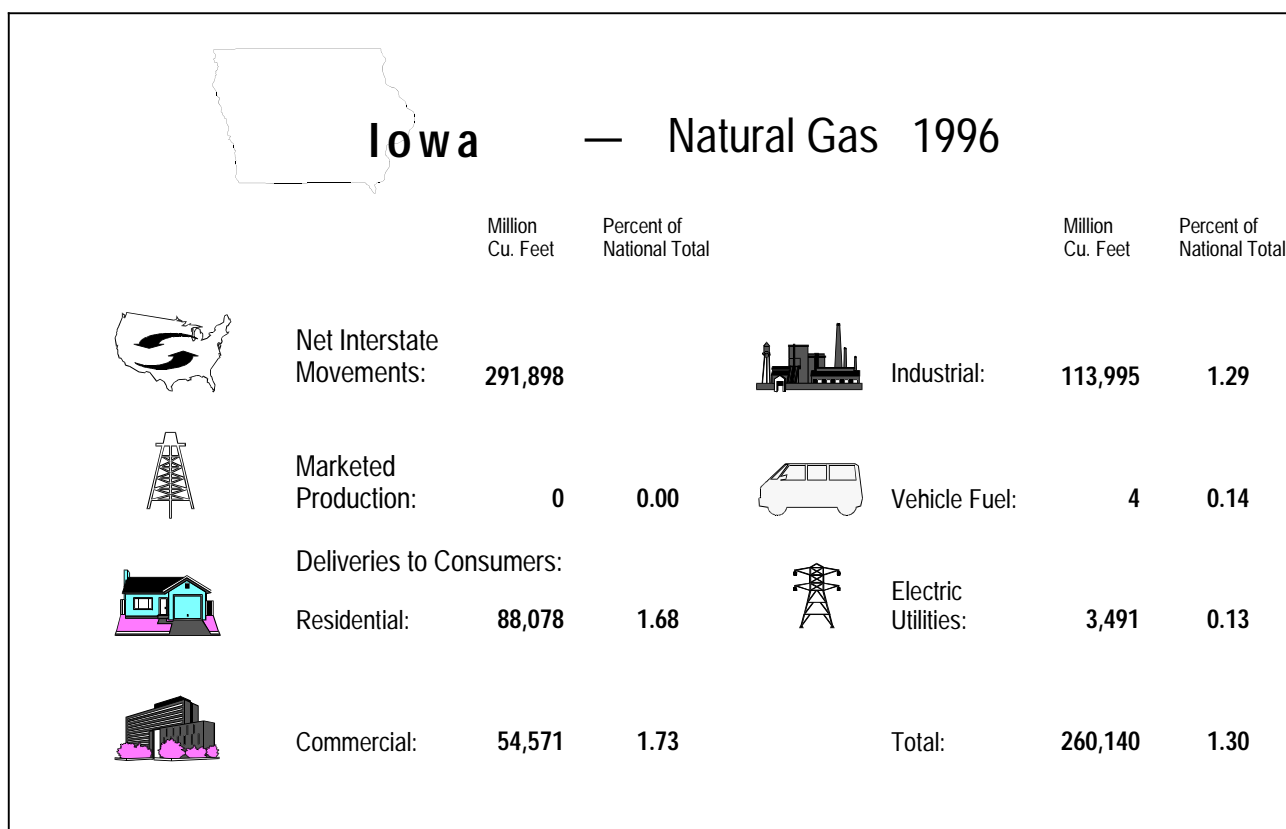


Table 63. Summary Statistics for Natural Gas — Iowa, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,270,083	1,232,578	1,443,469	1,444,142	1,497,972
Withdrawals from Storage					
Underground Storage .....	70,077	61,007	68,162	77,228	59,831
LNG Storage.....	4,247	5,597	3,521	2,996	3,284
Supplemental Gas Supplies .....	45	84	123	96	301
Balancing Item .....	-15,634	-45,975	-35,943	-471	-16,204
Total Supply.....	1,328,817	1,253,291	1,479,332	1,523,991	1,545,184

See footnotes at end of table.

Table 63. Summary Statistics for Natural Gas — Iowa, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	230,932	248,025	248,351	262,313	272,789
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,027,408	935,411	1,156,188	1,188,548	1,206,074
Additions to Storage					
Underground Storage.....	65,818	64,184	70,926	70,785	61,060
LNG Storage.....	4,659	5,671	3,867	2,346	5,262
Total Disposition.....	1,328,817	1,253,291	1,479,332	1,523,991	1,545,184
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	6,940	7,333	10,737	11,051	12,649
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	74,879	83,422	78,260	82,238	88,078
Commercial.....	46,095	50,337	47,922	50,325	54,571
Industrial.....	100,752	102,625	108,731	115,080	113,995
Vehicle Fuel.....	1	5	5	5	4
Electric Utilities.....	2,265	4,303	2,696	3,614	3,491
Total Delivered to Consumers.....	223,992	240,692	237,614	251,262	260,140
Total Consumption.....	230,932	248,025	248,351	262,313	272,789
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	13	61
Commercial.....	1,974	2,648	4,597	5,394	6,728
Industrial.....	83,004	87,613	96,016	104,993	103,757
Electric Utilities.....	2,163	1,901	1,721	2,157	2,261
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	83,288	78,260	82,238	88,078
Commercial.....	NA	45,573	45,048	47,318	51,495
Industrial.....	NA	90,868	92,964	98,496	96,874
Electric Utilities.....	NA	3,735	1,826	2,488	2,699
Vehicle Fuel.....	NA	5	5	5	4
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	4,763	2,874	3,006	3,076
Industrial.....	NA	11,757	15,766	16,584	17,122
Electric Utilities.....	NA	23	648	643	151
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	729,081	740,722	750,678	760,848	771,109
Commercial.....	85,325	86,452	86,918	88,585	89,663
Industrial.....	1,835	1,903	1,957	1,957	2,066
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	103	113	104	108	114
Commercial.....	540	582	551	568	609
Industrial.....	54,905	53,928	55,560	58,804	55,177
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.71	1.25	1.39	1.40	2.37
City Gate.....	3.20	3.24	3.15	2.82	3.47
Delivered to Consumers					
Residential.....	5.23	5.48	5.40	5.09	5.49
Commercial.....	4.27	4.52	4.51	4.14	4.59
Industrial.....	3.55	3.76	3.99	3.23	3.63
Vehicle Fuel.....	3.99	3.84	3.51	2.98	2.70
Electric Utilities.....	3.08	3.12	3.18	2.72	3.23

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

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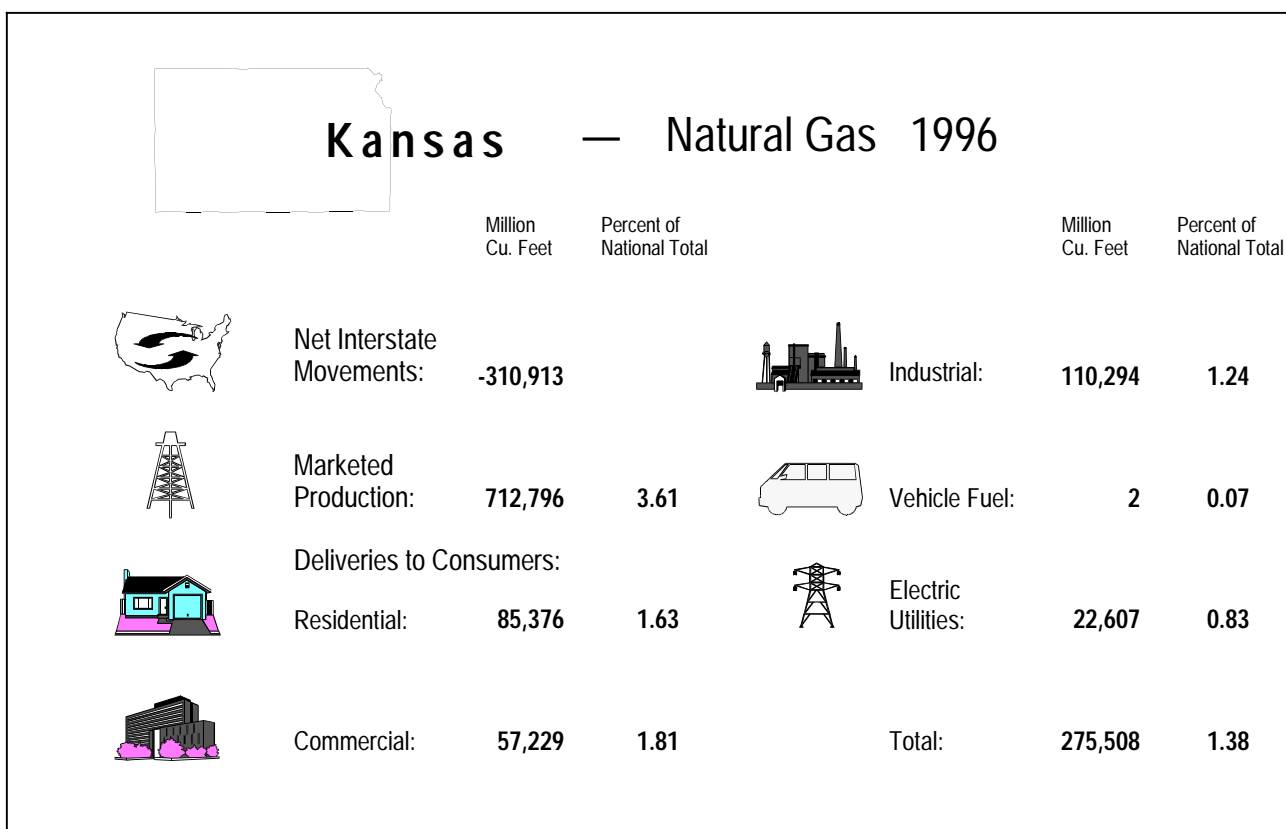


Table 64. Summary Statistics for Natural Gas — Kansas, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	9,681	9,348	9,156	8,571	7,694
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	18,400	19,472	19,365	22,020	21,388
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	580,572	605,578	628,900	636,582	629,755
From Oil Wells .....	79,169	82,579	85,759	86,807	85,876
Total.....	659,741	688,157	714,659	723,389	715,631
Repressuring .....	1,092	1,140	1,215	1,230	2,120
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	658,649	687,017	713,444	722,159	713,511
Vented and Flared .....	642	670	715	723	716
Marketed Production.....	658,007	686,347	712,730	721,436	712,796
Extraction Loss .....	42,733	44,014	46,936	47,442	47,996
Total Dry Production.....	615,274	642,333	665,794	673,994	664,800
<b>Supply (million cubic feet)</b>					
Dry Production .....	615,274	642,333	665,794	673,994	664,800
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,047,474	974,939	1,127,799	1,140,230	1,219,027
Withdrawals from Storage					
Underground Storage .....	102,735	109,475	99,851	110,567	116,989
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	-32,874	27,185	20,703	8,173	-3,039
Total Supply.....	1,732,609	1,753,932	1,914,147	1,932,964	1,997,776

See footnotes at end of table.

Table 64. Summary Statistics for Natural Gas — Kansas, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	343,217	391,604	418,027	368,342	362,965
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,305,142	1,246,045	1,390,051	1,458,930	1,529,940
Additions to Storage					
Underground Storage.....	84,249	116,284	106,069	105,693	104,871
LNG Storage.....	0	0	0	0	0
Total Disposition.....	1,732,609	1,753,932	1,914,147	1,932,964	1,997,776
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	17,424	20,363	15,623	18,772	18,752
Pipeline Fuel.....	29,198	33,361	31,739	34,631	38,262
Plant Fuel.....	26,312	36,294	28,988	28,510	30,444
Delivered to Consumers					
Residential.....	71,522	84,896	74,156	75,846	85,376
Commercial.....	53,973	56,023	52,253	53,122	57,229
Industrial.....	130,807	139,032	187,979	129,515	110,294
Vehicle Fuel.....	0	0	10	2	2
Electric Utilities.....	13,981	21,636	27,279	27,945	22,607
Total Delivered to Consumers.....	270,284	301,586	341,677	286,430	275,508
Total Consumption.....	343,217	391,604	418,027	368,342	362,965
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	8,408	9,729	11,295	14,029	16,200
Industrial.....	117,419	120,962	175,691	112,942	101,877
Electric Utilities.....	7,161	8,091	14,617	16,872	12,545
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	84,896	74,156	75,846	85,376
Commercial.....	NA	46,391	43,171	43,843	46,897
Industrial.....	NA	61,599	97,904	59,985	66,922
Electric Utilities.....	NA	1,407	11,213	11,311	8,128
Vehicle Fuel.....	NA	0	10	1	1
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	9,632	9,082	9,279	10,333
Industrial.....	NA	77,433	90,075	69,530	43,372
Electric Utilities.....	NA	12,581	9,243	10,906	5,422
Vehicle Fuel.....	NA	0	0	1	1
<b>Number of Consumers</b>					
Residential.....	762,545	777,658	773,357	797,524	804,213
Commercial.....	86,840	87,735	86,457	88,163	89,168
Industrial.....	3,296	4,369	3,560	3,079	2,988
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	94	109	96	95	106
Commercial.....	622	639	604	603	642
Industrial.....	39,687	31,822	52,803	42,064	36,912
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.54	1.80	1.60	1.36	1.92
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	5.24	1.56	1.20	1.15	1.83
City Gate.....	2.50	2.80	2.86	2.36	3.05
Delivered to Consumers					
Residential.....	4.70	4.91	5.11	4.91	5.59
Commercial.....	3.53	4.06	4.12	3.93	4.61
Industrial.....	2.61	2.64	2.75	2.23	3.09
Vehicle Fuel.....	—	—	3.18	2.76	3.06
Electric Utilities.....	1.94	2.26	1.89	1.58	2.25

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



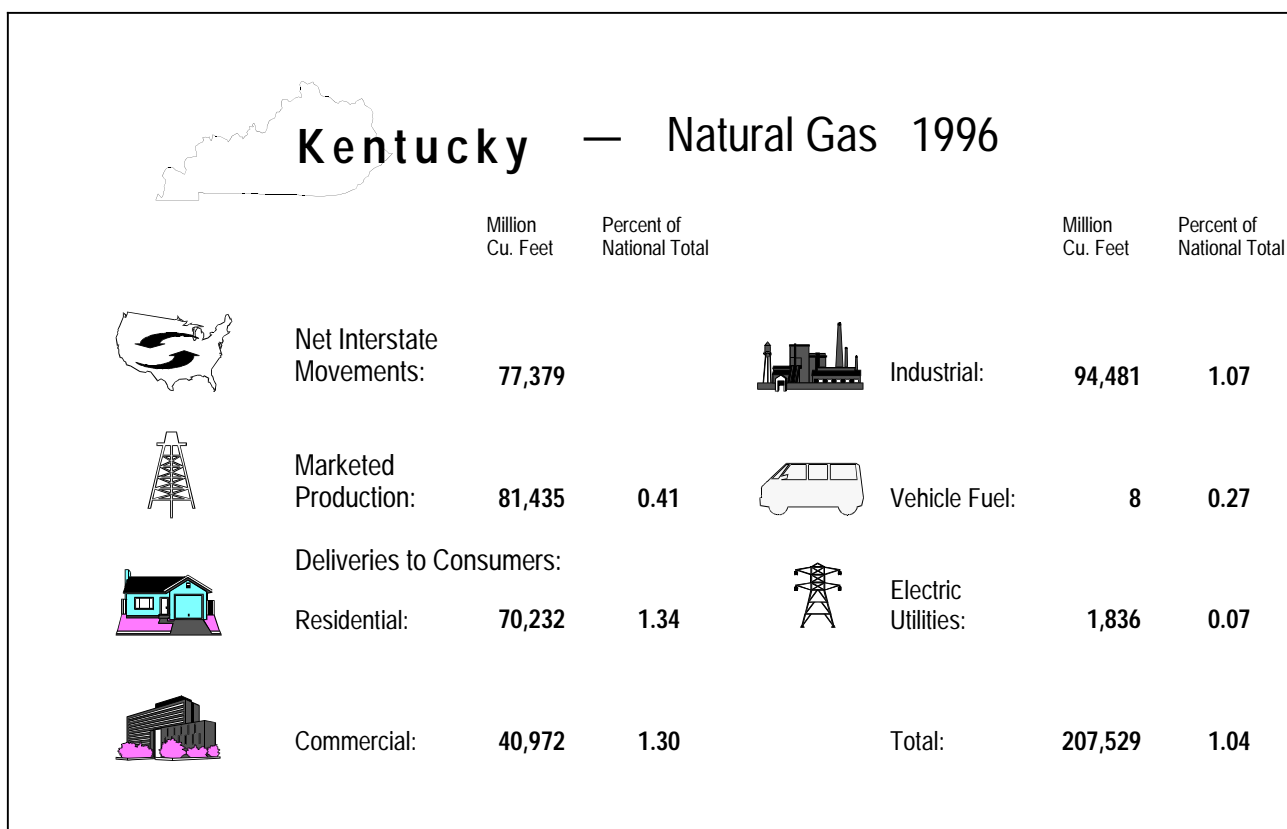


Table 65. Summary Statistics for Natural Gas — Kentucky, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	1,084	1,003	969	1,044	983
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	12,483	12,836	13,036	13,311	13,501
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	79,690	86,966	73,081	74,754	81,435
From Oil Wells .....	0	0	0	0	0
Total.....	79,690	86,966	73,081	74,754	81,435
Repressuring .....	*	*	*	*	0
Nonhydrocarbon Gases Removed .....	*	*	*	*	0
Wet After Lease Separation.....	79,690	86,966	73,081	74,754	81,435
Vented and Flared .....	*	*	*	*	0
Marketed Production.....	79,690	86,966	73,081	74,754	81,435
Extraction Loss .....	2,342	2,252	2,024	2,303	2,385
Total Dry Production.....	77,348	84,714	71,057	72,451	79,050
<b>Supply (million cubic feet)</b>					
Dry Production .....	77,348	84,714	71,057	72,451	79,050
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	3,197,882	3,314,559	3,663,838	3,689,277	3,956,093
Withdrawals from Storage					
Underground Storage .....	42,795	59,742	54,986	65,739	61,968
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	5	16	50	6	45
Balancing Item .....	-55,636	-63,628	56,159	-37,282	87,501
Total Supply.....	3,262,394	3,395,404	3,846,090	3,790,191	4,184,657

See footnotes at end of table.

Table 65. Summary Statistics for Natural Gas — Kentucky, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	189,877	203,295	208,386	224,046	236,445
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	3,023,149	3,143,992	3,577,873	3,507,584	3,878,714
Additions to Storage					
Underground Storage.....	49,367	48,117	59,831	58,561	69,498
LNG Storage.....	0	0	0	0	0
Total Disposition.....	3,262,394	3,395,404	3,846,090	3,790,191	4,184,657
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	2,105	2,573	2,162	1,945	1,744
Pipeline Fuel.....	15,847	19,017	22,903	25,007	26,490
Plant Fuel.....	707	689	611	702	682
Delivered to Consumers					
Residential.....	61,911	66,909	62,533	66,149	70,232
Commercial.....	35,419	37,817	36,744	38,610	40,972
Industrial.....	73,619	76,020	83,081	90,764	94,481
Vehicle Fuel.....	*	1	2	2	8
Electric Utilities.....	269	269	350	866	1,836
Total Delivered to Consumers.....	171,218	181,016	182,710	196,392	207,529
Total Consumption.....	189,877	203,295	208,386	224,046	236,445
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	2,451	2,809	3,171	4,169	3,773
Industrial.....	47,776	53,163	57,149	65,659	68,850
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	66,909	62,451	66,062	70,229
Commercial.....	NA	36,334	34,466	34,971	37,366
Industrial.....	NA	38,148	44,181	49,189	56,509
Electric Utilities.....	NA	205	267	493	648
Vehicle Fuel.....	NA	1	2	2	8
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	82	87	4
Commercial.....	NA	1,484	2,278	3,640	3,606
Industrial.....	NA	37,872	38,900	41,575	37,972
Electric Utilities.....	NA	22	3	25	12
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	644,281	654,664	668,774	685,481	696,989
Commercial.....	69,466	71,998	73,562	74,521	76,079
Industrial.....	1,608	1,585	1,621	1,630	1,633
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	96	102	94	96	101
Commercial.....	510	525	499	518	539
Industrial.....	45,783	47,962	51,253	55,683	57,857
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.92	2.28	2.24	1.64	2.55
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.51	2.67	1.95	1.83	2.63
City Gate.....	3.02	3.21	3.13	2.80	3.41
Delivered to Consumers					
Residential.....	5.01	5.25	5.46	5.05	5.54
Commercial.....	4.47	4.82	4.98	4.60	5.09
Industrial.....	3.23	3.66	3.64	3.26	3.87
Vehicle Fuel.....	3.78	5.30	4.62	5.10	5.54
Electric Utilities.....	2.77	3.07	2.93	3.01	3.49

NA = Not available.

— = Not applicable.




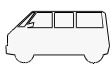



\* = Volume is less than 500,000 cubic feet.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.



## Louisiana — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	-3,542,902		 Industrial:	1,048,432	11.82
 Marketed Production:	5,240,747	26.53	 Vehicle Fuel:	23	0.78
Deliveries to Consumers:			 Residential:	56,626	1.08
			 Electric Utilities:	252,139	9.23
 Commercial:	25,746	0.82	Total:	1,382,966	6.91

**Table 66. Summary Statistics for Natural Gas — Louisiana, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 <sup>a</sup> .....	29,433	28,557	30,583	30,666	9,543
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	13,512	15,569	12,958	14,169	15,295
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	4,347,709	4,375,820	4,527,042	4,481,388	4,642,272
From Oil Wells.....	629,760	670,803	699,055	681,392	659,706
Total.....	4,977,470	5,046,623	5,226,097	5,162,780	5,301,978
Repressuring.....	42,631	35,904	36,703	35,684	39,526
Nonhydrocarbon Gases Removed.....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	4,934,839	5,010,719	5,189,394	5,127,096	5,262,452
Vented and Flared.....	20,538	19,580	19,689	18,729	21,705
Marketed Production.....	4,914,300	4,991,138	5,169,705	5,108,366	5,240,747
Extraction Loss.....	132,656	130,336	128,583	146,048	139,841
Total Dry Production.....	4,781,644	4,860,802	5,041,122	4,962,318	5,100,906
<b>Supply (million cubic feet)</b>					
Dry Production.....	4,781,644	4,860,802	5,041,122	4,962,318	5,100,906
Receipts at State Borders					
Imports.....	12,637	30,790	17,887	5,149	7,042
Intransit Receipts.....	0	0	0	0	0
Interstate Receipts.....	1,870,183	1,831,797	1,844,714	2,164,567	2,373,002
Withdrawals from Storage					
Underground Storage.....	207,010	221,931	184,731	262,328	260,117
LNG Storage.....	12,097	32,033	18,252	4,723	7,056
Supplemental Gas Supplies.....	0	0	0	0	0
Balancing Item.....	33,706	197,928	409,022	86,580	95,441
Total Supply.....	6,917,278	7,175,281	7,515,728	7,485,667	7,843,563

See footnotes at end of table.

Table 66. Summary Statistics for Natural Gas — Louisiana, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	1,545,804	1,578,443	1,623,766	1,717,914	1,664,447
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	5,165,877	5,336,593	5,649,614	5,553,146	5,922,946
Additions to Storage					
Underground Storage.....	193,051	229,568	224,525	209,575	249,153
LNG Storage.....	12,545	30,677	17,823	5,032	7,016
Total Disposition.....	6,917,278	7,175,281	7,515,728	7,485,667	7,843,563
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	134,088	147,888	140,571	133,825	144,486
Pipeline Fuel.....	54,029	56,191	63,257	64,729	67,761
Plant Fuel.....	86,623	74,925	66,600	75,845	69,235
Delivered to Consumers					
Residential.....	55,221	56,609	52,981	52,603	56,626
Commercial.....	28,445	25,157	24,184	23,833	25,746
Industrial.....	932,467	973,682	999,034	1,044,136	1,048,432
Vehicle Fuel.....	9	8	22	21	23
Electric Utilities.....	254,922	243,983	277,116	322,923	252,139
Total Delivered to Consumers.....	1,271,064	1,299,439	1,353,337	1,443,515	1,382,966
Total Consumption.....	1,545,804	1,578,443	1,623,766	1,717,914	1,664,447
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	2	0	3	9
Commercial.....	3,552	479	505	464	451
Industrial.....	582,295	670,825	759,747	733,133	942,276
Electric Utilities.....	208,847	182,535	174,324	239,903	202,033
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	56,609	52,689	52,603	56,626
Commercial.....	NA	18,275	18,058	17,786	19,074
Industrial.....	NA	596,135	592,738	754,940	760,019
Electric Utilities.....	NA	97,059	87,013	144,622	97,584
Vehicle Fuel.....	NA	8	22	21	23
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	292	0	0
Commercial.....	NA	6,882	6,126	6,047	6,672
Industrial.....	NA	377,547	406,296	289,196	288,413
Electric Utilities.....	NA	123,289	121,083	162,808	127,265
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	940,403	941,294	945,387	957,558	945,967
Commercial.....	61,030	62,055	62,184	62,930	62,101
Industrial.....	1,452	1,592	1,737	1,383	1,444
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	59	60	56	55	60
Commercial.....	466	405	389	379	415
Industrial.....	642,195	611,610	575,149	754,979	726,061
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.73	2.14	2.08	1.58	2.33
Imports.....	1.73	1.70	1.71	1.85	2.22
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.25	2.40	1.44	1.61	2.58
City Gate.....	2.48	2.72	2.54	2.21	3.13
Delivered to Consumers					
Residential.....	5.60	6.09	6.24	6.01	6.76
Commercial.....	4.79	5.33	5.42	5.15	6.09
Industrial.....	1.93	2.30	2.17	1.82	2.84
Vehicle Fuel.....	4.30	3.47	2.36	2.99	3.53
Electric Utilities.....	1.91	2.49	2.17	1.88	2.94

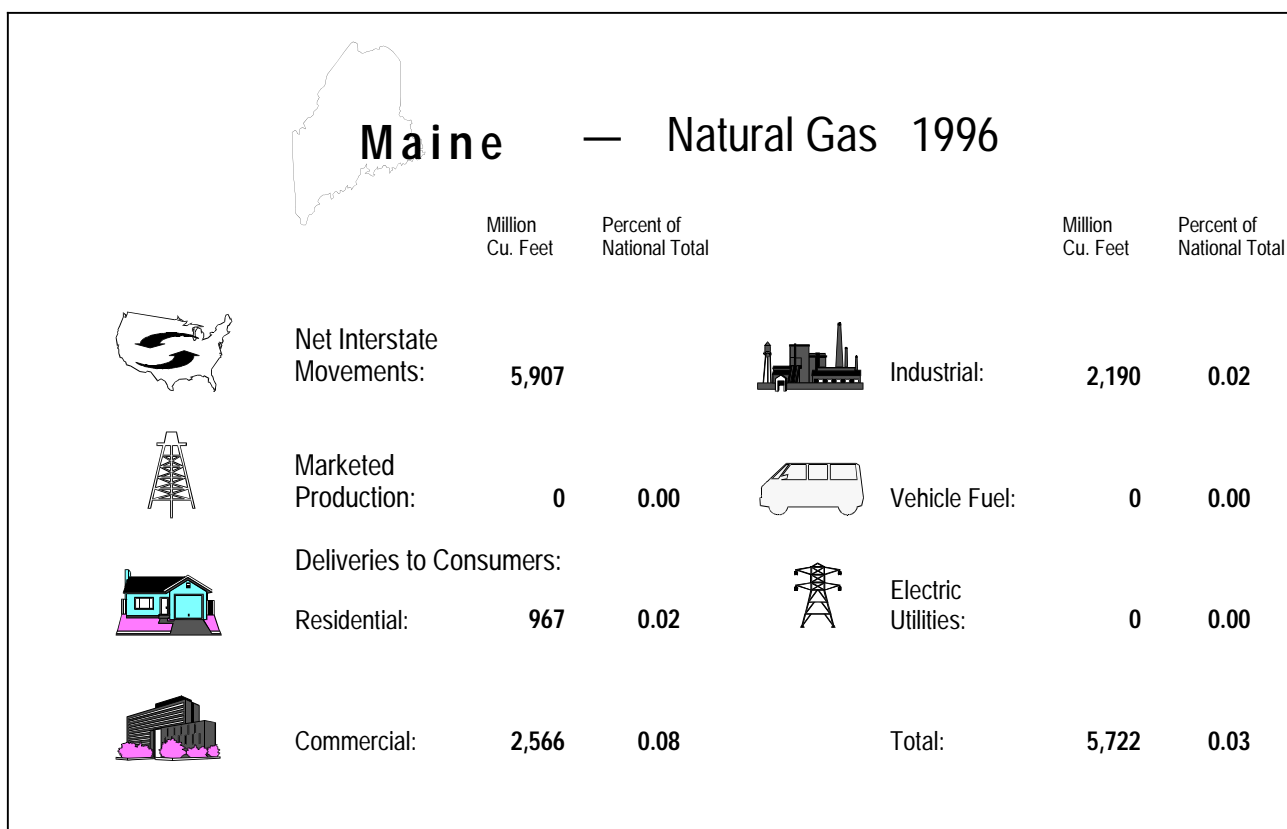
<sup>a</sup> Includes Federal Offshore from Alabama.

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Table 67. Summary Statistics for Natural Gas — Maine, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	5,161	4,989	4,928	5,533	5,907
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	22	19	22	16	22
Supplemental Gas Supplies .....	0	0	0	96	61
Balancing Item .....	-26	-24	131	-196	-241
Total Supply.....	5,157	4,985	5,082	5,448	5,749

See footnotes at end of table.

Table 67. Summary Statistics for Natural Gas — Maine, 1992-1996 (Continued)

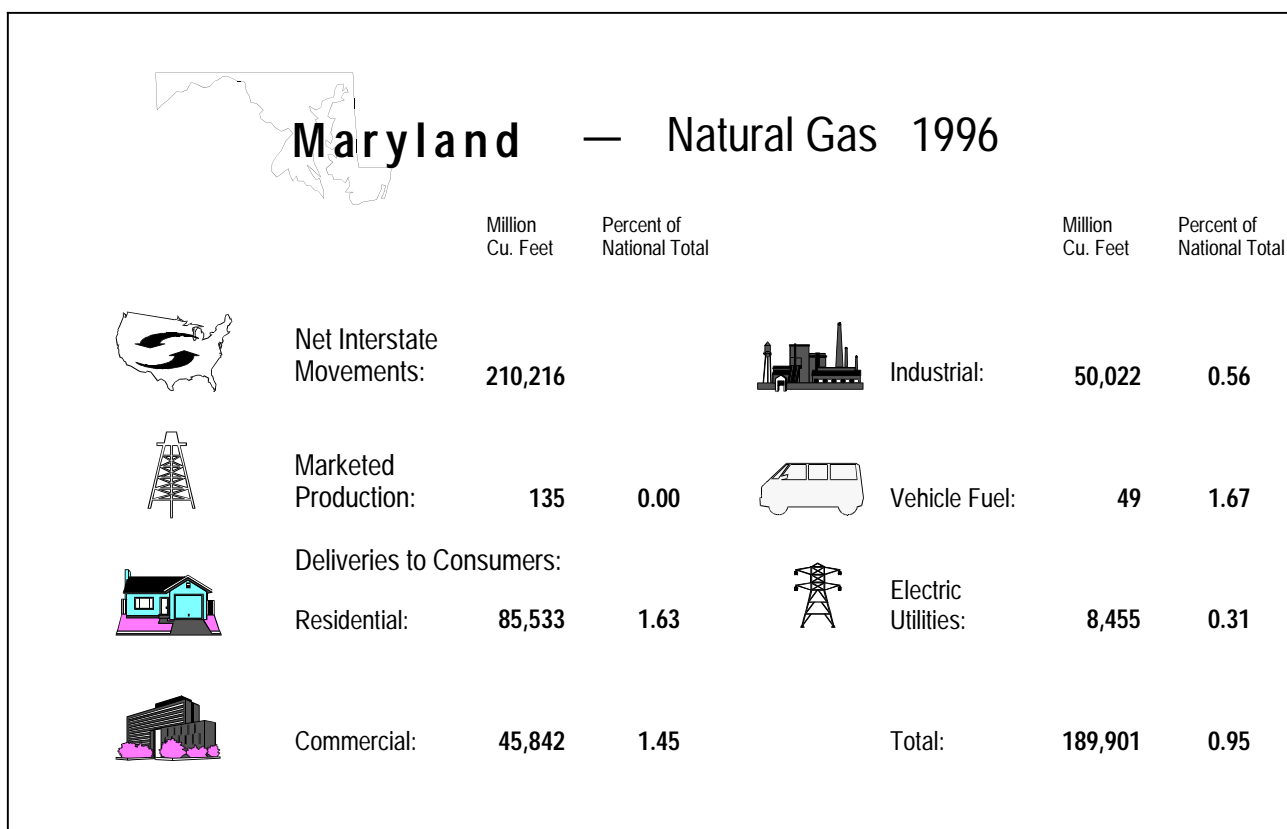
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	5,131	4,968	5,055	5,429	5,722
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	0	0	0	0	0
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	26	16	27	19	26
Total Disposition.....	5,157	4,985	5,082	5,448	5,749
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	2	2	9	96	0
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	872	901	894	913	967
Commercial.....	2,209	2,311	2,381	2,426	2,566
Industrial.....	2,048	1,753	1,771	1,993	2,190
Vehicle Fuel.....	0	0	0	0	0
Electric Utilities.....	0	0	0	0	0
Total Delivered to Consumers.....	5,129	4,966	5,045	5,333	5,722
Total Consumption.....	5,131	4,968	5,055	5,429	5,722
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	0	0	0
Industrial.....	0	0	0	0	197
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	901	894	913	967
Commercial.....	NA	2,311	2,381	2,426	2,566
Industrial.....	NA	1,753	1,166	1,343	1,650
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	0	0	0	0
Industrial.....	NA	0	604	650	539
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	13,766	13,880	14,104	14,917	14,982
Commercial.....	4,838	4,979	5,297	5,819	6,414
Industrial.....	80	66	89	74	87
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	63	65	63	61	65
Commercial.....	457	464	449	417	400
Industrial.....	25,595	26,564	19,895	26,936	25,170
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	3.97	3.91	3.50	5.50	—
City Gate.....	3.17	3.69	2.98	3.35	4.30
Delivered to Consumers					
Residential.....	6.95	7.47	7.83	7.32	7.84
Commercial.....	6.19	6.76	6.97	6.51	7.09
Industrial.....	4.14	4.65	4.79	4.46	5.22
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities.....	—	—	—	—	—

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

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**Table 68. Summary Statistics for Natural Gas — Maryland, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	NA	NA	NA	NA	NA
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	9	7	7	7	8
<b>Production (million cubic feet)</b>					
Gross Withdrawals .....					
From Gas Wells.....	33	28	26	22	135
From Oil Wells .....	0	0	0	0	0
Total.....	33	28	26	22	135
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	33	28	26	22	135
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	33	28	26	22	135
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	33	28	26	22	135
<b>Supply (million cubic feet)</b>					
Dry Production .....	33	28	26	22	135
Receipts at State Borders .....					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	959,084	855,001	883,179	864,322	882,473
Withdrawals from Storage .....					
Underground Storage .....	19,169	20,420	17,406	19,658	17,472
LNG Storage.....	715	610	529	540	691
Supplemental Gas Supplies .....	126	418	987	609	882
Balancing Item .....	-10,859	18,085	-45,552	-21,359	-14,538
Total Supply.....	968,267	894,562	856,574	863,793	887,114

See footnotes at end of table.

Table 68. Summary Statistics for Natural Gas — Maryland, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	181,300	180,614	183,734	194,099	192,528
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	766,661	697,939	656,585	652,253	672,257
Additions to Storage					
Underground Storage.....	19,502	15,314	15,316	15,610	17,448
LNG Storage.....	804	696	939	1,831	4,881
Total Disposition.....	968,267	894,562	856,574	863,793	887,114
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	1	1	1	3
Pipeline Fuel.....	2,419	2,429	2,475	2,826	2,624
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	75,122	76,871	76,688	76,552	85,533
Commercial.....	42,464	43,635	44,136	46,874	45,842
Industrial.....	49,720	48,842	47,691	48,963	50,022
Vehicle Fuel.....	0	19	25	50	49
Electric Utilities.....	11,575	8,817	12,718	18,833	8,455
Total Delivered to Consumers.....	178,881	178,185	181,259	191,272	189,901
Total Consumption.....	181,300	180,614	183,734	194,099	192,528
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	1,338
Commercial.....	1,692	1,497	1,291	1,469	3,734
Industrial.....	39,740	38,989	39,697	42,475	44,186
Electric Utilities.....	3,691	3,034	4,186	6,489	9,518
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	76,871	76,688	76,552	84,201
Commercial.....	NA	35,491	36,183	37,079	36,098
Industrial.....	NA	12,535	11,836	10,189	17,777
Electric Utilities.....	NA	1,231	2,977	4,469	8,228
Vehicle Fuel.....	NA	19	25	38	34
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	1,332
Commercial.....	NA	8,144	7,953	9,795	9,744
Industrial.....	NA	36,307	35,856	38,773	32,245
Electric Utilities.....	NA	5,770	9,910	12,129	1,496
Vehicle Fuel.....	NA	0	0	12	15
<b>Number of Consumers</b>					
Residential.....	894,677	807,204	824,137	841,772	871,012
Commercial.....	62,858	63,767	64,698	66,094	69,991
Industrial.....	514	496	516	481	430
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	84	95	93	91	98
Commercial.....	676	684	682	709	655
Industrial.....	96,731	98,472	92,425	101,794	116,331
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.91	2.44	1.37	1.42	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.94	2.08	2.01	1.81	2.48
City Gate.....	3.20	3.53	3.38	2.87	4.02
Delivered to Consumers					
Residential.....	6.43	7.08	6.95	6.62	7.60
Commercial.....	5.24	5.72	5.46	5.06	6.08
Industrial.....	3.56	3.59	4.04	3.21	5.36
Vehicle Fuel.....	—	3.57	3.76	3.06	3.82
Electric Utilities.....	2.66	3.01	2.57	2.24	3.11

NA = Not available.

— = Not applicable.




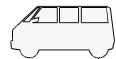



Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.





# Massachusetts — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	411,951		 Industrial:	100,015	1.13
 Marketed Production:	0	0.00	 Vehicle Fuel:	5	0.17
Deliveries to Consumers:			 Electric Utilities:	45,037	1.65
 Residential:	114,365	2.18			
 Commercial:	96,187	3.05	Total:	355,609	1.78

**Table 69. Summary Statistics for Natural Gas — Massachusetts, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	30,479	50,895	32,891	12,769	33,232
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	334,816	278,925	292,161	541,527	462,643
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	6,990	7,900	12,369	9,033	11,471
Supplemental Gas Supplies .....	105	61	154	420	426
Balancing Item .....	-10,049	40,758	53,622	-96,577	-60,001
Total Supply.....	362,342	378,539	391,198	467,172	447,771

See footnotes at end of table.

Table 69. Summary Statistics for Natural Gas — Massachusetts, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	295,001	312,343	337,368	362,301	357,740
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	62,194	60,665	48,281	98,974	83,924
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	5,147	5,531	5,550	5,898	6,107
Total Disposition.....	362,342	378,539	391,198	467,172	447,771
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	1,763	2,234	1,817	1,872	2,131
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	119,670	121,228	119,642	105,795	114,365
Commercial.....	64,352	65,429	84,534	82,270	96,187
Industrial.....	70,872	94,658	92,798	107,730	100,015
Vehicle Fuel.....	2	2	9	12	5
Electric Utilities.....	38,341	28,793	38,567	64,623	45,037
Total Delivered to Consumers.....	293,238	310,109	335,551	360,429	355,609
Total Consumption.....	295,001	312,343	337,368	362,301	357,740
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	103
Commercial.....	140	1,625	20,132	12,453	24,311
Industrial.....	38,685	65,739	67,072	73,793	74,115
Electric Utilities.....	22,672	9,725	29,992	50,087	39,460
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	121,228	119,642	105,795	114,365
Commercial.....	NA	58,104	60,879	70,872	74,480
Industrial.....	NA	75,097	67,512	75,876	71,575
Electric Utilities.....	NA	12,331	21,361	32,812	39,411
Vehicle Fuel.....	NA	2	8	10	1
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	7,325	23,656	11,397	21,707
Industrial.....	NA	19,562	25,286	31,854	28,440
Electric Utilities.....	NA	10,311	19,983	33,541	6,345
Vehicle Fuel.....	NA	0	1	2	4
<b>Number of Consumers</b>					
Residential.....	1,137,911	1,155,443	1,179,869	1,180,860	1,188,317
Commercial.....	85,873	102,187	92,744	104,453	105,889
Industrial.....	8,723	7,283	8,019	10,447	10,952
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	105	105	101	90	96
Commercial.....	749	640	911	788	908
Industrial.....	8,125	12,997	11,572	10,312	9,132
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	2.88	2.50	2.59	2.48	2.92
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.91	2.71	2.13	2.00	2.74
City Gate.....	3.52	3.98	3.98	3.53	3.98
Delivered to Consumers					
Residential.....	7.92	8.33	8.94	9.04	8.88
Commercial.....	5.86	6.04	6.82	6.59	6.74
Industrial.....	4.14	5.08	5.25	4.43	5.37
Vehicle Fuel.....	3.65	4.97	2.32	4.22	4.51
Electric Utilities.....	2.68	2.72	2.32	2.06	3.07

NA = Not available.




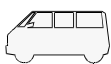



— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



# Michigan — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	819,046		 Industrial:	347,043	3.91
 Marketed Production:	245,740	1.24	 Vehicle Fuel:	40	1.36
Deliveries to Consumers:			 Residential:	399,522	7.62
			 Electric Utilities:	32,559	1.19
 Commercial:	201,390	6.38	Total:	980,555	4.90

**Table 70. Summary Statistics for Natural Gas — Michigan, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	1,223	1,160	1,323	1,294	2,061
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	3,257	5,500	6,000	5,258	5,826
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	120,287	126,179	136,989	146,320	201,123
From Oil Wells .....	80,192	84,119	91,332	97,547	50,281
Total.....	200,479	210,299	228,321	243,867	251,404
Repressuring .....	2,340	2,340	2,340	2,340	2,340
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	198,139	207,959	225,981	241,527	249,064
Vented and Flared .....	3,324	3,324	3,324	3,324	3,324
Marketed Production.....	194,815	204,635	222,657	238,203	245,740
Extraction Loss .....	8,093	7,012	6,371	6,328	6,399
Total Dry Production.....	186,722	197,623	216,286	231,875	239,341
<b>Supply (million cubic feet)</b>					
Dry Production .....	186,722	197,623	216,286	231,875	239,341
Receipts at State Borders					
Imports.....	38,568	34,874	17,320	26,475	29,043
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,135,780	1,042,778	1,495,917	1,355,745	1,516,628
Withdrawals from Storage					
Underground Storage .....	392,716	437,280	389,224	494,531	471,467
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	14,694	12,795	13,688	21,378	21,848
Balancing Item .....	58,803	32,932	-214,223	-66,012	-33,618
Total Supply.....	1,827,283	1,758,282	1,918,212	2,063,992	2,244,709

See footnotes at end of table.

Table 70. Summary Statistics for Natural Gas — Michigan, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	891,181	913,033	926,023	970,851	1,014,947
Deliveries at State Borders					
Exports.....	67,763	44,413	49,470	26,948	50,363
Intransit Deliveries.....	471,606	324,093	472,499	492,481	536,333
Interstate Deliveries.....	6,268	431	0	196,589	139,929
Additions to Storage					
Underground Storage.....	390,465	476,312	470,220	377,121	503,138
LNG Storage.....	0	0	0	0	0
Total Disposition.....	1,827,283	1,758,282	1,918,212	2,063,992	2,244,709
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	4,178	4,889	6,399	6,198	5,478
Pipeline Fuel.....	21,690	23,874	22,521	24,851	25,903
Plant Fuel.....	3,096	3,282	3,367	3,337	3,011
Delivered to Consumers					
Residential.....	358,088	369,801	364,588	380,025	399,522
Commercial.....	173,802	180,230	183,068	194,078	201,390
Industrial.....	305,416	312,050	327,848	326,551	347,043
Vehicle Fuel.....	4	10	14	27	40
Electric Utilities.....	24,908	18,898	18,218	35,784	32,559
Total Delivered to Consumers.....	862,217	880,988	893,735	936,466	980,555
Total Consumption.....	891,181	913,033	926,023	970,851	1,014,947
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	4,121	4,283	4,245	4,184	4,309
Commercial.....	54,248	56,547	62,825	65,266	66,621
Industrial.....	277,506	283,775	292,945	296,745	315,568
Electric Utilities.....	19,162	16,324	17,820	28,369	26,067
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	369,801	364,588	380,025	399,522
Commercial.....	NA	179,323	182,234	193,170	200,521
Industrial.....	NA	284,928	294,701	311,742	335,074
Electric Utilities.....	NA	16,621	18,019	28,494	26,385
Vehicle Fuel.....	NA	10	14	27	40
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	907	834	908	870
Industrial.....	NA	27,122	33,148	14,809	11,969
Electric Utilities.....	NA	100	199	476	66
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	2,640,579	2,677,085	2,717,683	2,767,190	2,812,876
Commercial.....	201,561	204,453	207,629	211,817	214,843
Industrial.....	11,460	11,425	11,308	11,454	11,848
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	136	138	134	137	142
Commercial.....	862	882	882	916	937
Industrial.....	26,651	27,313	28,993	28,510	29,291
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.71	2.38	1.96	1.67	2.21
Imports.....	1.60	2.02	2.16	1.90	2.89
Exports.....	1.83	2.14	2.49	1.97	2.66
Pipeline Fuel.....	0.57	0.26	0.20	0.54	1.04
City Gate.....	3.04	2.89	2.70	2.61	2.90
Delivered to Consumers					
Residential.....	5.06	5.04	4.98	4.72	4.96
Commercial.....	4.65	4.66	4.68	4.46	4.75
Industrial.....	3.92	3.91	3.93	3.62	3.87
Vehicle Fuel.....	0.99	3.36	2.84	3.08	3.38
Electric Utilities.....	0.81	0.92	0.97	0.73	0.74

NA = Not available.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

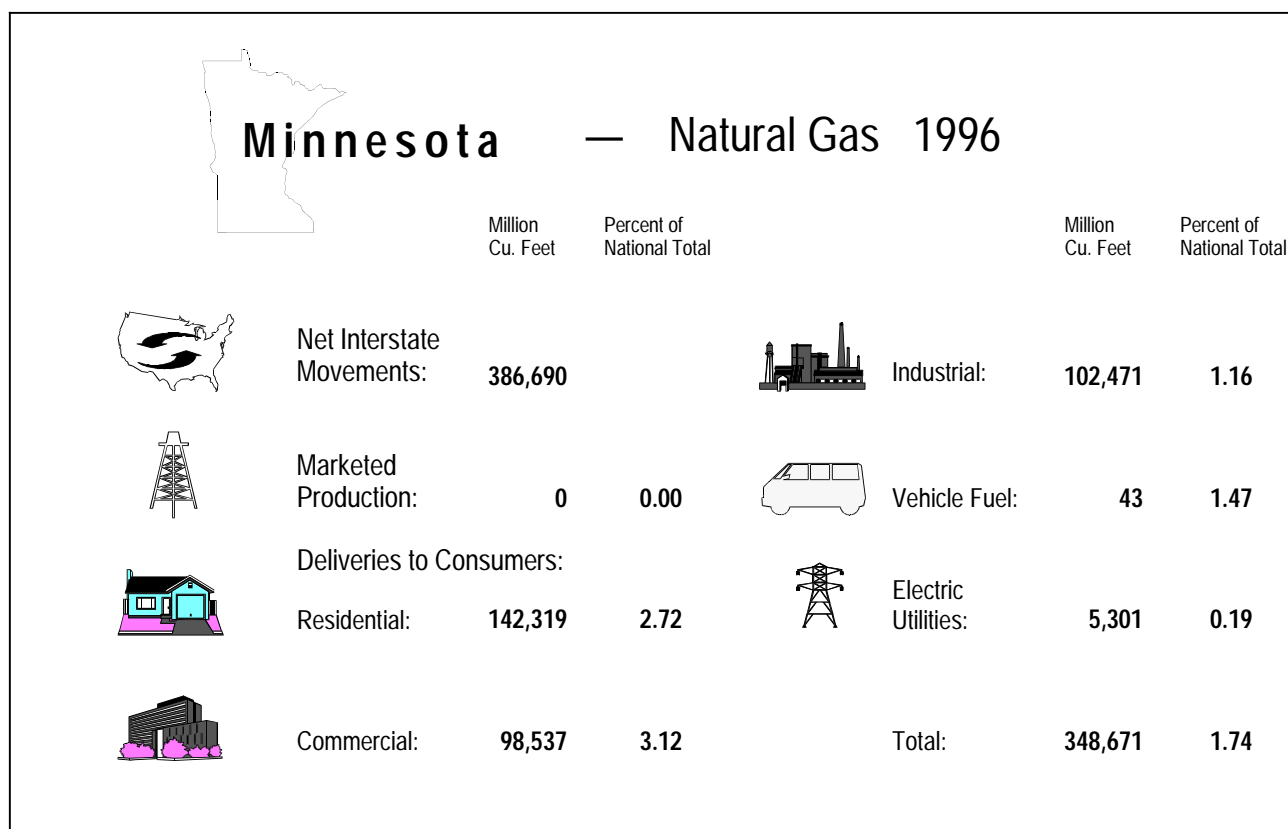


Table 71. Summary Statistics for Natural Gas — Minnesota, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	369,137	383,702	387,466	406,883	401,473
Intransit Receipts .....	486,163	324,093	487,760	492,481	536,333
Interstate Receipts.....	706,629	756,282	814,096	863,304	892,727
Withdrawals from Storage					
Underground Storage .....	1,329	1,834	1,192	1,582	1,625
LNG Storage.....	3,380	5,864	5,537	4,731	5,861
Supplemental Gas Supplies .....	52	78	289	194	709
Balancing Item .....	35,488	199,493	12,630	23,255	-16,814
Total Supply.....	1,602,179	1,671,346	1,708,970	1,792,431	1,821,914

See footnotes at end of table.

Table 71. Summary Statistics for Natural Gas — Minnesota, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	308,821	327,939	323,815	353,076	368,426
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,288,392	1,335,315	1,377,432	1,434,132	1,443,843
Additions to Storage					
Underground Storage.....	1,372	1,762	1,556	1,478	1,655
LNG Storage.....	3,594	6,330	6,167	3,746	7,990
Total Disposition.....	1,602,179	1,671,346	1,708,970	1,792,431	1,821,914
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	14,948	16,227	17,310	19,175	19,755
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	113,560	123,401	122,249	128,736	142,319
Commercial.....	82,381	86,629	83,933	90,658	98,537
Industrial.....	93,025	97,771	94,468	106,189	102,471
Vehicle Fuel.....	0	1	29	26	43
Electric Utilities.....	4,906	3,910	5,826	8,292	5,301
Total Delivered to Consumers.....	293,873	311,712	306,505	333,900	348,671
Total Consumption.....	308,821	327,939	323,815	353,076	368,426
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	3,134	2,623	3,336	5,696	3,768
Industrial.....	53,665	55,355	53,928	69,467	60,195
Electric Utilities.....	1,443	1,071	906	734	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	123,401	122,249	128,614	142,228
Commercial.....	NA	62,193	62,668	65,910	72,740
Industrial.....	NA	65,091	57,965	45,815	45,226
Electric Utilities.....	NA	106	1,701	2,285	2,097
Vehicle Fuel.....	NA	1	29	26	5
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	122	91
Commercial.....	NA	24,436	21,265	24,748	25,797
Industrial.....	NA	32,680	36,503	60,374	57,246
Electric Utilities.....	NA	2,201	2,296	2,337	1,455
Vehicle Fuel.....	NA	0	0	0	38
<b>Number of Consumers</b>					
Residential.....	998,201	1,074,631	1,049,263	1,080,009	1,103,709
Commercial.....	99,707	93,062	102,857	103,874	105,531
Industrial.....	2,515	2,477	2,592	2,531	2,564
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	114	115	117	119	129
Commercial.....	826	931	816	873	934
Industrial.....	36,988	39,471	36,446	41,955	39,965
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	1.74	2.07	2.06	1.81	2.38
Exports.....	—	—	—	—	—
Pipeline Fuel.....	0.61	0.47	0.47	0.37	0.68
City Gate.....	2.92	3.11	2.85	2.52	3.07
Delivered to Consumers					
Residential.....	4.86	5.31	5.18	4.80	5.46
Commercial.....	4.10	4.52	4.36	3.98	4.63
Industrial.....	3.05	3.20	2.87	2.45	2.97
Vehicle Fuel.....	—	6.08	1.90	1.82	3.42
Electric Utilities.....	1.85	2.47	2.14	1.77	2.18

NA = Not available.




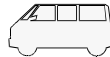



— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



# Mississippi — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	-193,358		 Industrial:	80,887	0.91
 Marketed Production:	103,263	0.52	 Vehicle Fuel:	5	0.17
Deliveries to Consumers:			 Electric Utilities:	83,251	3.05
 Residential:	30,157	0.58			
 Commercial:	22,225	0.70	Total:	216,524	1.08

**Table 72. Summary Statistics for Natural Gas — Mississippi, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	869	797	650	663	631
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	507	620	583	535	568
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	145,153	129,395	112,205	113,401	117,412
From Oil Wells .....	20,384	15,631	9,597	6,051	6,210
Total.....	165,538	145,026	121,802	119,452	123,622
Repressuring .....	24,993	14,092	12,083	11,321	9,366
Nonhydrocarbon Gases Removed .....	45,772	48,017	44,344	10,364	8,316
Wet After Lease Separation.....	94,773	82,917	65,376	97,767	105,940
Vented and Flared .....	3,076	2,222	1,928	2,234	2,677
Marketed Production.....	91,697	80,695	63,448	95,533	103,263
Extraction Loss .....	416	395	425	377	340
Total Dry Production.....	91,281	80,300	63,023	95,156	102,923
<b>Supply (million cubic feet)</b>					
Dry Production .....	91,281	80,300	63,023	95,156	102,923
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	5,198,262	5,279,804	5,660,877	5,623,521	5,880,172
Withdrawals from Storage					
Underground Storage .....	53,373	55,786	50,526	82,604	75,926
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	54,787	27,069	41,449	394,349	372,489
Total Supply.....	5,397,703	5,442,959	5,815,874	6,195,630	6,431,510

See footnotes at end of table.

Table 72. Summary Statistics for Natural Gas — Mississippi, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	239,442	229,941	257,647	288,067	269,296
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	5,103,156	5,157,115	5,493,256	5,832,741	6,073,530
Additions to Storage					
Underground Storage.....	55,105	55,903	64,972	74,821	88,684
LNG Storage.....	0	0	0	0	0
Total Disposition.....	5,397,703	5,442,959	5,815,874	6,195,630	6,431,510
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	4,372	4,291	3,169	3,108	3,202
Pipeline Fuel.....	33,276	37,500	39,162	41,674	49,188
Plant Fuel.....	573	538	463	399	382
Delivered to Consumers					
Residential.....	26,487	28,347	27,086	26,960	30,157
Commercial.....	17,942	19,199	19,232	19,904	22,225
Industrial.....	102,612	100,166	85,984	84,526	80,887
Vehicle Fuel.....	0	0	9	267	5
Electric Utilities.....	54,180	39,900	82,541	111,229	83,251
Total Delivered to Consumers.....	201,221	187,611	214,852	242,887	216,524
Total Consumption.....	239,442	229,941	257,647	288,067	269,296
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	645	647	647	615	585
Industrial.....	55,973	60,506	48,154	48,691	47,133
Electric Utilities.....	41,304	26,270	31,927	40,663	57,417
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	28,347	27,086	26,960	30,157
Commercial.....	NA	18,060	17,748	18,361	20,708
Industrial.....	NA	31,867	48,202	47,753	43,165
Electric Utilities.....	NA	30,631	1,701	3,847	2,979
Vehicle Fuel.....	NA	0	0	267	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	1,139	1,484	1,543	1,516
Industrial.....	NA	68,299	37,783	36,773	37,722
Electric Utilities.....	NA	10,797	31,943	37,356	55,109
Vehicle Fuel.....	NA	0	9	0	5
<b>Number of Consumers</b>					
Residential.....	392,155	398,472	405,312	415,123	418,442
Commercial.....	44,313	45,310	43,803	45,444	46,029
Industrial.....	1,327	1,324	1,313	1,298	1,241
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	68	71	67	65	72
Commercial.....	405	424	439	438	483
Industrial.....	77,326	75,654	65,487	65,120	65,178
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.64	1.73	1.49	1.24	1.66
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.34	2.37	1.98	1.82	2.63
City Gate.....	2.62	2.90	2.83	2.53	3.27
Delivered to Consumers					
Residential.....	4.95	5.23	5.46	5.28	5.72
Commercial.....	4.13	4.38	4.56	4.28	5.22
Industrial.....	2.53	2.99	2.98	2.71	3.43
Vehicle Fuel.....	—	—	2.82	1.63	2.51
Electric Utilities.....	1.85	2.47	1.98	1.78	2.78

NA = Not available.




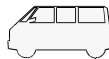



— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



# Missouri — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	286,485		 Industrial:	71,533	0.81
 Marketed Production:	25	0.00	 Vehicle Fuel:	31	1.06
Deliveries to Consumers:			 Residential:	137,225	2.62
			 Electric Utilities:	5,223	0.19
 Commercial:	72,802	2.31	Total:	286,814	1.43

**Table 73. Summary Statistics for Natural Gas — Missouri, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	NA	NA	NA	NA	NA
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	5	8	12	15	24
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	27	14	8	16	25
From Oil Wells .....	0	0	0	0	0
Total.....	27	14	8	16	25
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	27	14	8	16	25
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	27	14	8	16	25
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	27	14	8	16	25
<b>Supply (million cubic feet)</b>					
Dry Production .....	27	14	8	16	25
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,219,024	1,306,977	1,442,661	1,544,992	1,556,791
Withdrawals from Storage					
Underground Storage .....	3,094	4,779	5,082	2,580	6,522
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	371	4	785
Balancing Item .....	-3,927	8,729	21,145	8,664	7,022
Total Supply.....	1,218,219	1,320,498	1,469,266	1,556,256	1,571,146

See footnotes at end of table.

Table 73. Summary Statistics for Natural Gas — Missouri, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	240,745	279,562	267,594	279,078	294,270
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	974,394	1,036,225	1,196,675	1,274,401	1,270,306
Additions to Storage					
Underground Storage.....	3,080	4,711	4,997	2,777	6,570
LNG Storage.....	0	0	0	0	0
Total Disposition.....	1,218,219	1,320,498	1,469,266	1,556,256	1,571,146
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	1	0	0	*	1
Pipeline Fuel.....	2,309	9,846	2,879	7,122	7,455
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	116,655	134,172	122,566	125,110	137,225
Commercial.....	60,963	69,670	66,196	65,086	72,802
Industrial.....	58,466	60,982	71,602	68,924	71,533
Vehicle Fuel.....	0	0	1	6	31
Electric Utilities.....	2,351	4,891	4,351	12,830	5,223
Total Delivered to Consumers.....	238,435	269,716	264,715	271,956	286,814
Total Consumption.....	240,745	279,562	267,594	279,078	294,270
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	8,817	10,710	11,072	10,880	12,988
Industrial.....	44,131	46,608	56,873	53,484	53,656
Electric Utilities.....	1,418	2,607	1,246	5,794	1,848
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	134,172	122,566	125,110	137,225
Commercial.....	NA	61,652	63,080	63,237	70,861
Industrial.....	NA	29,882	57,967	59,542	62,930
Electric Utilities.....	NA	1,374	1,243	5,826	1,879
Vehicle Fuel.....	NA	0	1	6	31
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	8,018	3,116	1,849	1,941
Industrial.....	NA	31,101	13,635	9,383	8,603
Electric Utilities.....	NA	3,723	1,911	4,225	953
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	1,220,203	1,225,921	1,281,007	1,259,102	1,275,465
Commercial.....	125,174	125,571	132,378	130,318	133,445
Industrial.....	2,989	3,040	3,115	3,033	3,408
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	96	109	96	99	108
Commercial.....	487	555	500	499	546
Industrial.....	19,560	20,060	22,986	22,725	20,990
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.56	1.57	1.49	1.70	1.56
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.31	2.01	0.91	1.19	2.34
City Gate.....	2.86	3.20	3.05	2.73	3.25
Delivered to Consumers					
Residential.....	5.11	5.37	5.43	5.16	5.97
Commercial.....	4.47	4.76	4.85	4.39	5.35
Industrial.....	3.87	4.25	4.18	3.48	4.35
Vehicle Fuel.....	—	—	4.37	2.74	3.19
Electric Utilities.....	1.89	2.34	1.90	1.69	2.58

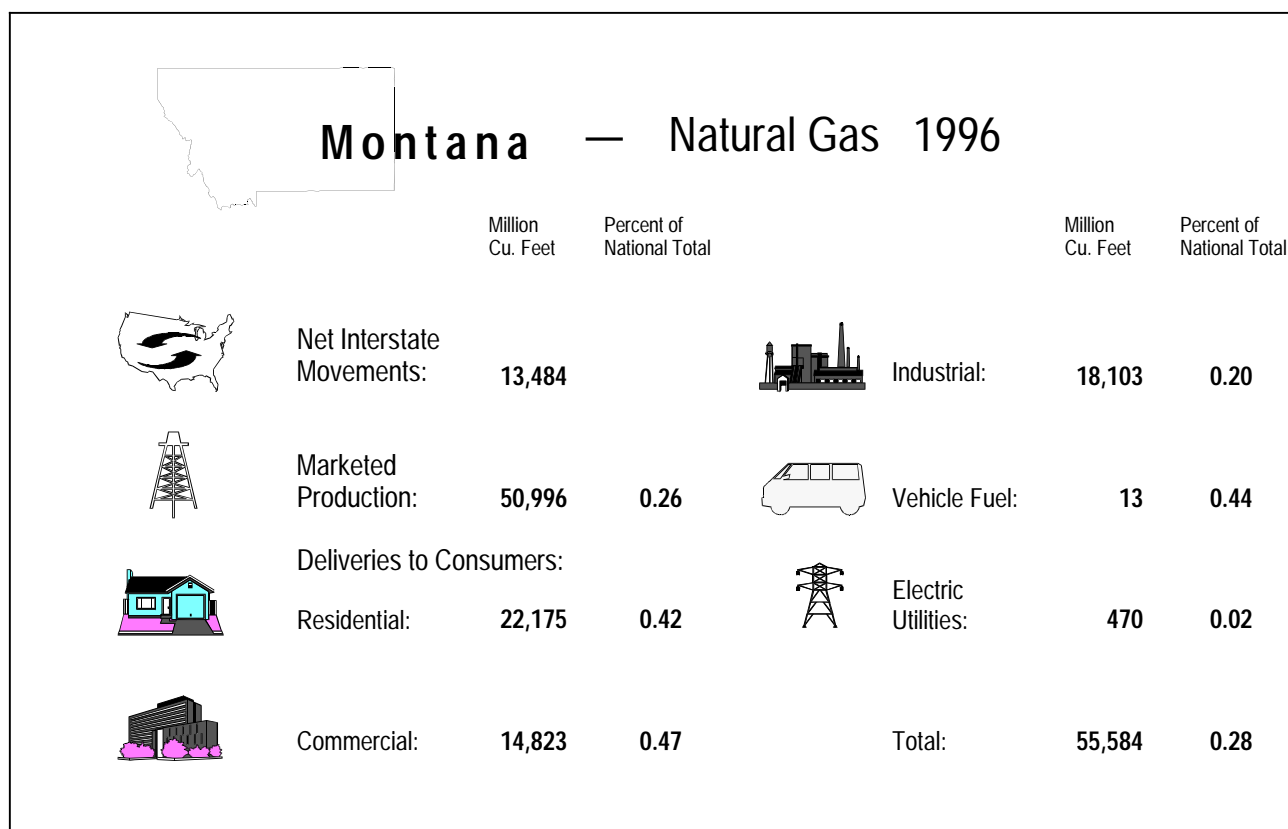
NA = Not available.

— = Not applicable.

\* = Volume is less than 500,000 cubic feet.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 74. Summary Statistics for Natural Gas — Montana, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	859	673	717	782	796
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	2,890	3,075	2,940	2,918	2,990
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	46,918	48,187	44,350	44,370	45,154
From Oil Wells .....	7,892	7,330	6,722	6,393	6,514
Total.....	54,810	55,517	51,072	50,763	51,668
Repressuring .....	180	231	105	82	76
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	54,630	55,286	50,967	50,681	51,592
Vented and Flared .....	763	758	551	417	596
Marketed Production.....	53,867	54,528	50,416	50,264	50,996
Extraction Loss .....	907	741	631	597	576
Total Dry Production.....	52,960	53,787	49,785	49,667	50,420
<b>Supply (million cubic feet)</b>					
Dry Production .....	52,960	53,787	49,785	49,667	50,420
Receipts at State Borders					
Imports.....	467,036	511,294	535,855	570,396	576,511
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	21,791	19,293	20,408	20,207	27,448
Withdrawals from Storage					
Underground Storage .....	24,310	32,202	22,509	21,653	31,595
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	-15,444	-22,077	-7,062	-16,190	-14,139
Total Supply.....	550,653	594,498	621,495	645,734	671,836

See footnotes at end of table.

Table 74. Summary Statistics for Natural Gas — Montana, 1992-1996 (Continued)

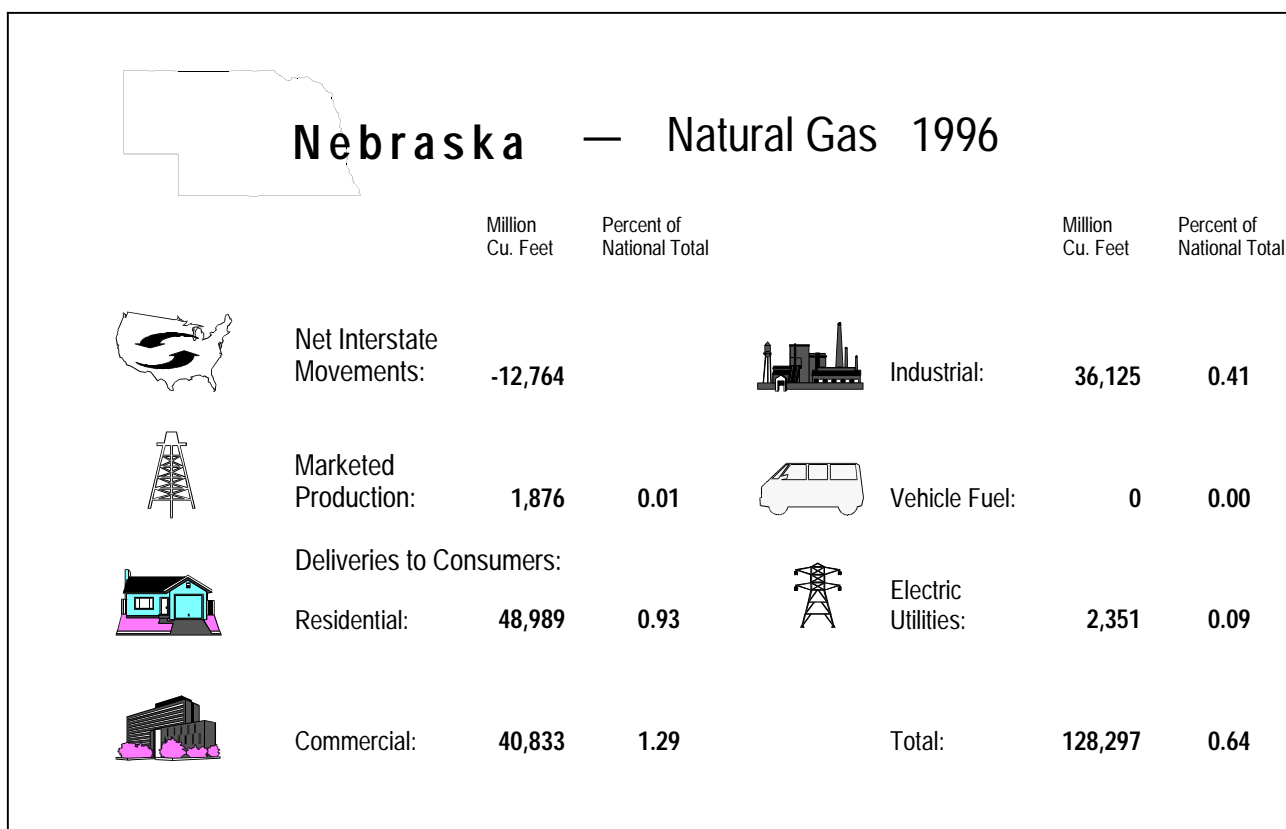
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	45,561	53,298	52,058	57,827	61,399
Deliveries at State Borders					
Exports.....	14	106	3,087	0	0
Intransit Deliveries.....	14,554	0	0	0	0
Interstate Deliveries.....	478,815	530,201	551,660	569,852	590,475
Additions to Storage					
Underground Storage.....	11,708	10,894	14,690	18,054	19,871
LNG Storage.....	0	0	0	0	0
Total Disposition.....	550,653	594,498	621,495	645,734	671,746
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	1,448	2,084	2,037	2,070	2,233
Pipeline Fuel.....	3,019	3,715	3,542	3,929	3,414
Plant Fuel.....	423	295	206	168	168
Delivered to Consumers					
Residential.....	16,673	20,360	18,714	19,640	22,175
Commercial.....	11,557	13,880	12,981	13,489	14,823
Industrial.....	12,218	12,690	13,940	18,135	18,103
Vehicle Fuel.....	2	4	6	8	13
Electric Utilities.....	220	270	632	388	470
Total Delivered to Consumers.....	40,671	47,204	46,274	51,660	55,584
Total Consumption.....	45,561	53,298	52,058	57,827	61,399
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	218	0
Commercial.....	533	939	1,070	1,131	1,247
Industrial.....	10,078	11,407	13,395	17,565	17,483
Electric Utilities.....	99	155	139	250	301
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	20,360	18,714	19,640	22,175
Commercial.....	NA	13,576	12,678	13,182	14,458
Industrial.....	NA	5,259	5,580	7,184	9,067
Electric Utilities.....	NA	115	523	119	141
Vehicle Fuel.....	NA	4	6	8	13
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	304	303	306	365
Industrial.....	NA	7,431	8,360	10,951	9,036
Electric Utilities.....	NA	155	139	250	301
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	182,641	188,879	194,357	203,435	205,199
Commercial.....	23,610	24,373	25,349	26,329	26,374
Industrial.....	459	462	453	463	466
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	91	108	96	97	108
Commercial.....	490	569	512	512	562
Industrial.....	26,620	27,469	30,773	39,168	38,848
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.62	1.55	1.46	1.36	1.41
Imports.....	1.52	1.66	1.47	1.23	1.88
Exports.....	1.66	1.93	1.43	—	—
Pipeline Fuel.....	1.63	2.15	1.53	1.16	1.44
City Gate.....	3.45	3.29	3.49	3.01	3.03
Delivered to Consumers					
Residential.....	4.80	4.92	5.23	5.15	4.86
Commercial.....	4.46	4.67	4.91	4.92	4.64
Industrial.....	4.19	2.76	4.91	4.87	4.88
Vehicle Fuel.....	4.51	5.17	4.34	4.61	3.93
Electric Utilities.....	3.30	2.83	1.21	3.84	2.89

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Table 75. Summary Statistics for Natural Gas — Nebraska, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	NA	NA	NA	NA	NA
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	22	59	87	87	88
<b>Production (million cubic feet)</b>					
Gross Withdrawals .....					
From Gas Wells.....	486	1,391	2,093	1,557	1,328
From Oil Wells .....	691	723	805	683	548
Total.....	1,177	2,114	2,898	2,240	1,876
Repressuring .....	*	*	*	*	0
Nonhydrocarbon Gases Removed .....	*	*	*	*	0
Wet After Lease Separation.....	1,177	2,114	2,898	2,240	1,876
Vented and Flared .....	*	*	*	*	0
Marketed Production.....	1,177	2,114	2,898	2,240	1,876
Extraction Loss .....	3	0	8	0	0
Total Dry Production.....	1,174	2,114	2,890	2,240	1,876
<b>Supply (million cubic feet)</b>					
Dry Production .....	1,174	2,114	2,890	2,240	1,876
Receipts at State Borders .....					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,021,817	933,217	1,170,211	1,030,750	1,091,152
Withdrawals from Storage .....					
Underground Storage .....	9,848	11,718	10,052	9,716	6,933
LNG Storage.....	173	222	367	248	788
Supplemental Gas Supplies .....	1,437	791	890	15	315
Balancing Item .....	-18,422	2,039	-24,879	151,515	145,095
Total Supply.....	1,016,025	950,100	1,159,532	1,194,485	1,246,160

See footnotes at end of table.

Table 75. Summary Statistics for Natural Gas — Nebraska, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	106,853	126,112	126,744	136,384	132,906
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	898,635	809,216	1,019,871	1,054,114	1,103,916
Additions to Storage					
Underground Storage.....	10,254	14,485	12,524	3,872	8,423
LNG Storage.....	283	287	393	115	915
Total Disposition.....	1,016,025	950,100	1,159,532	1,194,485	1,246,160
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	31	56	86	58	43
Pipeline Fuel.....	2,555	2,520	3,282	3,401	4,563
Plant Fuel.....	9	0	3	2	3
Delivered to Consumers					
Residential.....	41,414	48,256	44,397	45,054	48,989
Commercial.....	34,490	34,745	38,946	40,044	40,833
Industrial.....	26,451	38,658	36,960	44,767	36,125
Vehicle Fuel.....	*	1	9	*	0
Electric Utilities.....	1,903	1,876	3,061	3,059	2,351
Total Delivered to Consumers.....	104,258	123,537	123,373	132,923	128,297
Total Consumption.....	106,853	126,112	126,744	136,384	132,906
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	4,063	3,142	7,726	9,181	12,247
Industrial.....	15,558	28,068	28,971	37,370	28,756
Electric Utilities.....	1,038	484	34	63	503
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	48,256	44,397	45,054	48,989
Commercial.....	NA	28,822	33,550	34,796	35,960
Industrial.....	NA	28,230	29,892	36,642	28,407
Electric Utilities.....	NA	668	55	124	132
Vehicle Fuel.....	NA	1	9	*	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	5,923	5,396	5,248	4,873
Industrial.....	NA	10,428	7,069	8,125	7,718
Electric Utilities.....	NA	615	563	1,214	1,570
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	418,611	413,358	428,201	427,720	439,931
Commercial.....	61,319	60,599	62,045	61,275	61,117
Industrial.....	696	718	766	2,432	2,234
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	99	117	104	105	111
Commercial.....	562	573	628	654	668
Industrial.....	38,005	53,842	48,251	18,407	16,170
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.78	1.81	1.60	1.19	1.43
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.54	1.79	1.34	1.33	2.10
City Gate.....	2.91	3.46	2.98	2.49	3.07
Delivered to Consumers					
Residential.....	4.82	4.96	5.01	4.83	4.88
Commercial.....	3.99	4.27	4.24	3.96	4.47
Industrial.....	2.92	3.09	3.12	2.79	3.29
Vehicle Fuel.....	—	—	4.67	—	—
Electric Utilities.....	2.28	2.66	2.02	1.65	2.07

NA = Not available.

— = Not applicable.




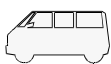



\* = Volume is less than 500,000 cubic feet.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



# Nevada — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	112,550		 Industrial:	32,606	0.37
 Marketed Production:	11	0.00	 Vehicle Fuel:	48	1.64
Deliveries to Consumers:			 Residential:	22,607	0.43
			 Electric Utilities:	46,766	1.71
 Commercial:	20,421	0.65	Total:	122,449	0.61

**Table 76. Summary Statistics for Natural Gas — Nevada, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	5
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	30	21	16	13	11
Total.....	30	21	16	13	11
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	30	21	16	13	11
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	30	21	16	13	11
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	30	21	16	13	11
<b>Supply (million cubic feet)</b>					
Dry Production .....	30	21	16	13	11
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	259,899	329,846	348,147	355,804	356,416
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	155	244	271	228	109
Supplemental Gas Supplies .....	30	38	9	0	0
Balancing Item .....	-10,782	-3,470	-893	2,910	10,688
Total Supply.....	249,332	326,679	347,550	358,955	367,224

See footnotes at end of table.

Table 76. Summary Statistics for Natural Gas — Nevada, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	68,416	84,955	101,790	111,004	123,178
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	180,832	241,471	245,519	247,692	243,866
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	83	253	241	259	180
Total Disposition.....	249,332	326,679	347,550	358,955	367,224
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	30	21	16	13	11
Pipeline Fuel.....	474	641	669	730	718
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	18,184	20,683	21,263	20,686	22,607
Commercial.....	16,101	17,549	18,694	18,703	20,421
Industrial.....	9,259	24,734	28,867	30,641	32,606
Vehicle Fuel.....	12	21	36	109	48
Electric Utilities.....	24,355	21,305	32,246	40,134	46,766
Total Delivered to Consumers.....	67,912	84,293	101,105	110,273	122,449
Total Consumption.....	68,416	84,955	101,790	111,004	123,178
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	1,889	1,283	3,276	4,416	5,272
Industrial.....	8,569	23,660	28,312	30,102	32,073
Electric Utilities.....	28,675	21,066	32,377	38,533	47,039
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	20,683	21,263	20,686	22,607
Commercial.....	NA	17,305	18,407	18,393	20,093
Industrial.....	NA	24,734	28,772	30,611	32,591
Electric Utilities.....	NA	19,155	31,074	33,670	46,764
Vehicle Fuel.....	NA	21	20	109	44
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	245	286	309	328
Industrial.....	NA	0	95	30	15
Electric Utilities.....	NA	1,923	1,303	4,863	275
Vehicle Fuel.....	NA	0	16	0	5
<b>Number of Consumers</b>					
Residential.....	295,714	305,099	336,353	364,112	393,783
Commercial.....	22,799	23,207	24,521	25,593	26,613
Industrial.....	114	117	119	120	121
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	61	68	63	57	57
Commercial.....	706	756	762	731	767
Industrial.....	81,222	211,398	242,577	255,340	269,472
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.77	1.79	1.87	1.79	1.35
City Gate.....	2.37	3.03	3.18	2.73	3.10
Delivered to Consumers					
Residential.....	5.59	5.69	6.66	6.76	6.19
Commercial.....	4.33	4.40	5.36	5.40	4.91
Industrial.....	4.07	4.30	5.67	5.34	4.90
Vehicle Fuel.....	3.45	3.34	3.81	3.73	3.53
Electric Utilities.....	1.91	2.45	1.99	1.71	2.12

NA = Not available.

— = Not applicable.




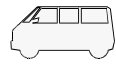



Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.





# New Hampshire — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	21,547		 Industrial:	4,916	0.06
 Marketed Production:	0	0.00	 Vehicle Fuel:	0	0.00
Deliveries to Consumers:			 Electric Utilities:	3	0.00
 Residential:	7,012	0.13			
 Commercial:	7,099	0.22	Total:	19,031	0.10

**Table 77. Summary Statistics for Natural Gas — New Hampshire, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	24,110	24,232	20,249	31,742	27,435
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	96	154	160	90	147
Balancing Item .....	-2,219	-2,506	4,181	-6,413	-2,638
Total Supply.....	21,987	21,879	24,590	25,419	24,945

See footnotes at end of table.

Table 77. Summary Statistics for Natural Gas — New Hampshire, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	16,852	16,918	19,706	19,899	19,057
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	5,135	4,962	4,884	5,521	5,888
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Total Disposition.....	21,987	21,879	24,590	25,419	24,945
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	81	341	974	22	26
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	6,449	6,493	6,572	6,507	7,012
Commercial.....	5,862	6,142	6,412	6,514	7,099
Industrial.....	3,828	3,805	4,471	4,607	4,916
Vehicle Fuel.....	0	0	*	*	0
Electric Utilities.....	633	136	1,277	2,248	3
Total Delivered to Consumers.....	16,771	16,577	18,732	19,877	19,031
Total Consumption.....	16,852	16,918	19,706	19,899	19,057
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	0	52	218
Industrial.....	0	0	225	1,639	2,193
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	6,493	6,572	6,507	7,012
Commercial.....	NA	6,142	6,412	6,514	7,099
Industrial.....	NA	3,697	3,634	2,809	2,777
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	*	*	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	0	0	0	0
Industrial.....	NA	109	837	1,798	2,139
Electric Utilities.....	NA	0	1,271	2,211	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	69,356	70,938	72,656	74,232	75,175
Commercial.....	11,383	11,726	12,240	12,450	12,755
Industrial.....	344	334	324	332	367
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	93	92	90	88	93
Commercial.....	515	524	524	523	557
Industrial.....	11,128	11,394	13,799	13,877	13,396
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	3.81	3.79	3.88	3.42	4.17
City Gate.....	3.58	3.76	3.49	3.39	4.20
Delivered to Consumers					
Residential.....	7.55	7.66	7.96	7.16	7.40
Commercial.....	6.74	6.83	7.17	6.44	6.74
Industrial.....	4.49	4.68	4.44	3.80	4.79
Vehicle Fuel.....	—	—	6.21	6.16	—
Electric Utilities.....	2.20	2.21	2.13	1.86	NA

NA = Not available.

— = Not applicable.




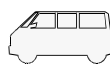



\* = Volume is less than 500,000 cubic feet.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

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# New Jersey — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	580,024		 Industrial:	200,933	2.27
 Marketed Production:	0	0.00	 Vehicle Fuel:	0	0.00
Deliveries to Consumers:			 Electric Utilities:	25,825	0.95
 Residential:	222,619	4.25			
 Commercial:	150,432	4.76	Total:	599,810	3.00

**Table 78. Summary Statistics for Natural Gas — New Jersey, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,108,758	1,018,950	1,119,949	1,296,464	1,217,278
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	2,471	2,313	3,565	2,982	3,219
Supplemental Gas Supplies .....	14,362	14,950	7,737	7,291	6,778
Balancing Item .....	51,223	71,249	48,070	-465	17,919
Total Supply.....	1,176,813	1,107,463	1,179,320	1,306,272	1,245,194

See footnotes at end of table.

Table 78. Summary Statistics for Natural Gas — New Jersey, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	546,260	551,939	584,853	590,797	602,907
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	628,131	552,903	589,632	712,420	637,254
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	2,422	2,620	4,835	3,055	5,033
Total Disposition.....	1,176,813	1,107,463	1,179,320	1,306,272	1,245,194
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	3,566	2,908	2,497	2,482	3,097
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	198,462	195,569	216,873	194,432	222,619
Commercial.....	130,891	128,942	132,008	138,965	150,432
Industrial.....	174,569	188,889	190,845	209,014	200,933
Vehicle Fuel.....	0	0	4	6	0
Electric Utilities.....	38,772	35,631	42,625	45,897	25,825
Total Delivered to Consumers.....	542,695	549,030	582,356	588,315	599,810
Total Consumption.....	546,260	551,939	584,853	590,797	602,907
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	10,012	10,901	11,045	19,074	40,100
Industrial.....	77,276	83,216	81,222	98,456	96,081
Electric Utilities.....	623	3,919	1,637	3,725	12,559
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	195,569	216,873	194,432	222,619
Commercial.....	NA	104,813	103,523	111,869	124,479
Industrial.....	NA	73,920	74,939	79,863	81,881
Electric Utilities.....	NA	34,366	29,126	30,145	20,864
Vehicle Fuel.....	NA	0	4	6	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	24,129	28,485	27,096	25,954
Industrial.....	NA	114,969	115,906	129,151	119,052
Electric Utilities.....	NA	4,716	6,286	8,574	5,021
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	2,032,115	2,060,511	2,089,911	2,123,323	2,147,622
Commercial.....	212,726	215,948	219,061	222,632	224,749
Industrial.....	11,474	11,224	10,608	10,362	10,139
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	98	95	104	92	104
Commercial.....	615	597	603	624	669
Industrial.....	15,214	16,829	17,991	20,171	19,818
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.62	2.93	2.66	2.59	3.15
City Gate.....	3.29	3.54	3.33	3.34	3.84
Delivered to Consumers					
Residential.....	6.94	6.99	7.11	7.27	7.16
Commercial.....	5.54	5.60	6.03	5.76	6.14
Industrial.....	3.42	3.70	3.64	3.11	3.82
Vehicle Fuel.....	—	—	4.26	4.28	6.93
Electric Utilities.....	2.18	2.38	2.17	2.18	2.96




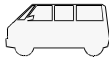



NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

# New Mexico — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	-1,136,211		 Industrial:	22,858	0.26
 Marketed Production:	1,554,087	7.87	 Vehicle Fuel:	77	2.63
Deliveries to Consumers:			 Residential:	33,689	0.64
			 Electric Utilities:	29,969	1.10
 Commercial:	26,466	0.84	Total:	113,059	0.57

**Table 79. Summary Statistics for Natural Gas — New Mexico, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	18,998	18,619	17,228	17,491	16,485
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	18,040	20,846	23,292	23,510	24,134
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	1,067,477	1,208,771	1,381,756	1,398,631	1,418,116
From Oil Wells .....	222,303	221,560	200,041	242,247	246,559
Total.....	1,289,780	1,430,331	1,581,797	1,640,878	1,664,676
Repressuring .....	16,540	16,568	18,982	9,615	10,131
Nonhydrocarbon Gases Removed .....	2,751	2,753	3,164	3,282	<sup>a</sup> 97,759
Wet After Lease Separation.....	1,270,489	1,411,010	1,559,651	1,627,982	1,556,787
Vented and Flared .....	1,626	1,581	1,963	2,144	2,700
Marketed Production.....	1,268,863	1,409,429	1,557,689	1,625,837	1,554,087
Extraction Loss .....	75,520	83,193	86,607	85,668	108,341
Total Dry Production.....	1,193,343	1,326,236	1,471,082	1,540,169	1,445,746
<b>Supply (million cubic feet)</b>					
Dry Production .....	1,193,343	1,326,236	1,471,082	1,540,169	1,445,746
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	436,787	289,001	334,650	343,196	316,153
Withdrawals from Storage					
Underground Storage .....	21,421	24,794	17,172	16,986	17,290
LNG Storage.....	2,599	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	-83,792	-44,265	-165,975	-199,959	-93,135
Total Supply.....	1,570,358	1,595,767	1,656,929	1,700,392	1,686,053

See footnotes at end of table.

Table 79. Summary Statistics for Natural Gas — New Mexico, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	202,875	216,440	220,770	215,147	221,736
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,348,520	1,362,958	1,417,608	1,470,532	1,452,364
Additions to Storage					
Underground Storage.....	18,963	16,369	18,551	14,712	11,953
LNG Storage.....	0	0	0	0	0
Total Disposition.....	1,570,358	1,595,767	1,656,929	1,700,392	1,686,053
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	14,805	12,832	18,476	16,134	17,901
Pipeline Fuel.....	50,297	62,278	59,135	56,762	26,926
Plant Fuel.....	38,892	36,826	36,310	36,455	63,850
Delivered to Consumers					
Residential.....	31,433	31,843	30,868	28,770	33,689
Commercial.....	27,884	27,898	24,964	23,934	26,466
Industrial.....	17,070	17,023	18,741	21,095	22,858
Vehicle Fuel.....	7	16	62	73	77
Electric Utilities.....	22,486	27,725	32,214	31,924	29,969
Total Delivered to Consumers.....	98,881	104,504	106,849	105,796	113,059
Total Consumption.....	202,875	216,440	220,770	215,147	221,736
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	8,361	10,459	9,395	9,520	9,351
Industrial.....	16,339	16,107	16,884	19,596	22,049
Electric Utilities.....	17,325	20,122	24,868	25,751	13,618
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	31,843	30,868	28,770	33,689
Commercial.....	NA	27,764	24,849	23,749	26,379
Industrial.....	NA	16,433	17,976	19,979	19,892
Electric Utilities.....	NA	12,749	15,213	25,161	13,883
Vehicle Fuel.....	NA	16	62	73	77
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	134	115	186	87
Industrial.....	NA	590	765	1,116	2,966
Electric Utilities.....	NA	8,239	11,360	2,711	2,814
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	389,063	397,681	409,095	421,896	428,621
Commercial.....	40,312	40,166	39,846	38,099	37,796
Industrial.....	141	152	1,097	1,065	1,365
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	81	80	75	68	79
Commercial.....	692	695	627	628	700
Industrial.....	121,064	111,995	17,084	19,808	16,746
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.60	1.79	1.58	1.26	1.67
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.31	1.79	1.61	1.13	1.59
City Gate.....	2.25	2.39	2.02	1.46	1.99
Delivered to Consumers					
Residential.....	4.75	5.46	5.61	5.04	4.47
Commercial.....	3.36	4.31	4.41	3.74	3.35
Industrial.....	6.86	3.82	3.39	2.83	2.90
Vehicle Fuel.....	—	—	5.11	3.86	4.78
Electric Utilities.....	1.99	2.23	1.99	1.57	2.31

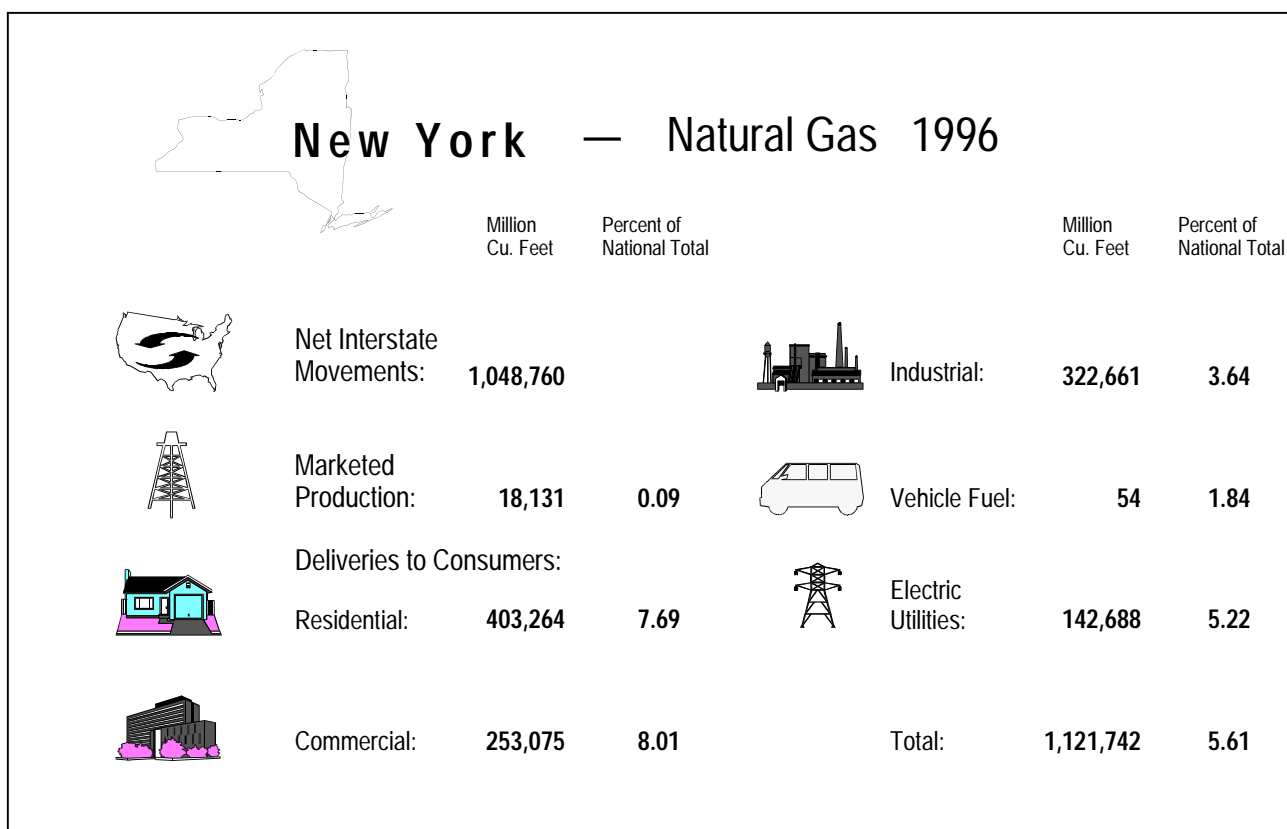
<sup>a</sup> Nonhydrocarbon gases removed increased significantly in 1996 due to production increases in the Bravo Dome.

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Table 80. Summary Statistics for Natural Gas — New York, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	329	264	242	197	232
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	5,906	5,757	5,884	6,134	6,208
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	22,697	20,587	19,937	17,677	17,494
From Oil Wells .....	824	610	539	723	641
Total.....	23,521	21,197	20,476	18,400	18,134
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	23,521	21,197	20,476	18,400	18,134
Vented and Flared .....	13	14	11	0	3
Marketed Production.....	23,508	21,183	20,465	18,400	18,131
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	23,508	21,183	20,465	18,400	18,131
<b>Supply (million cubic feet)</b>					
Dry Production .....	23,508	21,183	20,465	18,400	18,131
Receipts at State Borders					
Imports.....	435,470	502,701	562,267	630,321	652,578
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,121,178	881,247	926,727	1,376,638	1,194,754
Withdrawals from Storage					
Underground Storage .....	60,693	67,643	64,803	75,692	63,108
LNG Storage.....	363	440	835	886	1,262
Supplemental Gas Supplies .....	1,190	1,638	1,460	1,490	1,259
Balancing Item .....	-60,556	33,327	53,555	-15,053	76,323
Total Supply.....	1,581,846	1,508,178	1,630,111	2,088,373	2,007,416

See footnotes at end of table.

Table 80. Summary Statistics for Natural Gas — New York, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	959,004	943,826	1,012,497	1,140,488	1,130,516
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	559,844	495,010	549,862	886,014	798,572
Additions to Storage					
Underground Storage.....	62,265	68,532	66,627	60,947	76,475
LNG Storage.....	732	810	1,125	926	1,853
Total Disposition.....	1,581,846	1,508,178	1,630,111	2,088,373	2,007,416
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	965	563	781	1,074	939
Pipeline Fuel.....	5,878	6,089	6,039	8,088	7,835
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	378,689	384,216	385,408	375,005	403,264
Commercial.....	217,214	220,729	223,256	231,352	253,075
Industrial.....	147,520	160,406	214,438	278,576	322,661
Vehicle Fuel.....	6	20	53	127	54
Electric Utilities.....	208,731	171,803	182,521	246,265	142,688
Total Delivered to Consumers.....	952,161	937,173	1,005,676	1,131,325	1,121,742
Total Consumption.....	959,004	943,826	1,012,497	1,140,488	1,130,516
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	2,413	3,036	2,369	3,019	3,840
Commercial.....	48,552	50,279	45,626	55,135	58,135
Industrial.....	113,074	125,916	180,002	240,506	291,057
Electric Utilities.....	19,893	15,455	14,082	24,175	4,804
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	384,216	382,713	371,662	399,748
Commercial.....	NA	184,795	201,478	203,125	215,904
Industrial.....	NA	104,437	135,471	210,865	254,300
Electric Utilities.....	NA	21,288	34,310	35,779	13,448
Vehicle Fuel.....	NA	19	28	127	54
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	2,695	3,343	3,516
Commercial.....	NA	35,934	21,779	28,227	37,170
Industrial.....	NA	55,969	78,967	67,711	68,361
Electric Utilities.....	NA	147,451	135,488	199,843	129,051
Vehicle Fuel.....	NA	1	25	0	0
<b>Number of Consumers</b>					
Residential.....	4,522,274	3,990,564	4,008,868	4,030,702	4,048,166
Commercial.....	315,974	298,020	301,499	308,760	315,855
Industrial.....	28,198	23,833	21,833	22,484	15,300
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	84	96	96	93	100
Commercial.....	687	741	740	749	801
Industrial.....	5,232	6,730	9,822	12,390	21,089
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.25	2.40	2.35	2.30	—
Imports.....	2.48	2.49	2.44	2.30	2.94
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.86	3.15	2.21	1.52	2.23
City Gate.....	3.01	3.32	3.02	2.47	3.36
Delivered to Consumers					
Residential.....	7.58	8.15	8.75	8.42	8.90
Commercial.....	5.75	6.16	6.51	6.10	6.88
Industrial.....	4.93	5.17	5.22	4.69	5.04
Vehicle Fuel.....	5.47	4.45	3.64	2.13	5.47
Electric Utilities.....	2.48	2.73	2.30	2.13	2.96

NA = Not available.

— = Not applicable.




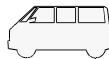



Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

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# North Carolina — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	226,798		 Industrial:	104,124	1.17
 Marketed Production:	0	0.00	 Vehicle Fuel:	0	0.00
Deliveries to Consumers:			 Electric Utilities:	2,381	0.09
 Residential:	58,812	1.12			
 Commercial:	40,467	1.28	Total:	205,783	1.03

**Table 81. Summary Statistics for Natural Gas — North Carolina, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	943,723	902,203	901,123	913,692	970,866
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	1,122	1,823	1,802	1,710	2,490
Supplemental Gas Supplies .....	2	4	3	0	0
Balancing Item .....	-11,985	-16,686	-10,433	-15,104	-13,425
Total Supply.....	932,862	887,344	892,496	900,298	959,931

See footnotes at end of table.

Table 81. Summary Statistics for Natural Gas — North Carolina, 1992-1996 (Continued)

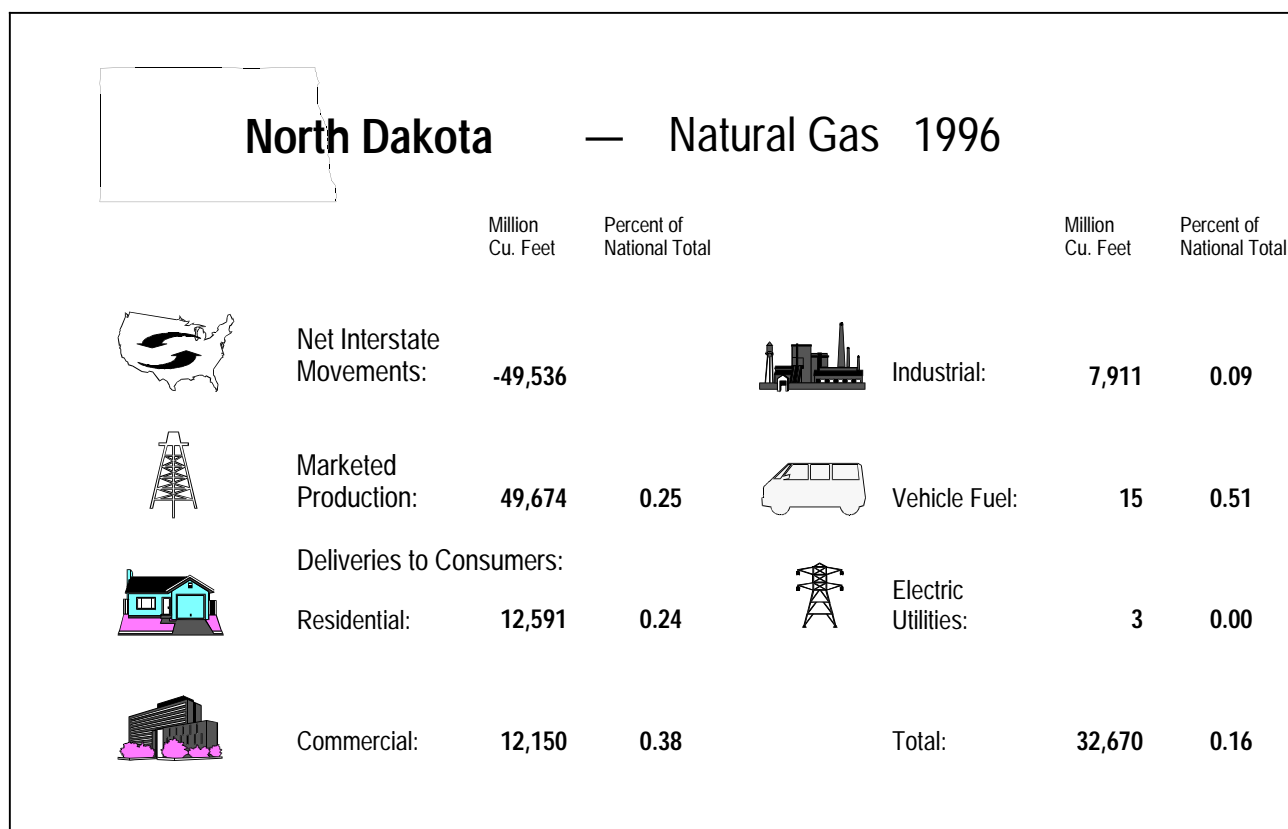
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	179,595	185,648	187,861	202,726	213,155
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	752,237	700,015	702,517	696,000	744,068
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	1,030	1,681	2,118	1,572	2,708
Total Disposition.....	932,862	887,344	892,496	900,298	959,931
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	6,439	5,953	5,753	6,100	7,372
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	42,588	47,104	47,451	49,379	58,812
Commercial.....	36,418	37,370	38,940	37,362	40,467
Industrial.....	90,984	92,309	94,838	106,731	104,124
Vehicle Fuel.....	7	1	8	9	0
Electric Utilities.....	3,159	2,911	871	3,146	2,381
Total Delivered to Consumers.....	173,156	179,694	182,107	196,626	205,783
Total Consumption.....	179,595	185,648	187,861	202,726	213,155
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	1,497	561	1,314	2,831	1,409
Industrial.....	17,302	20,068	38,907	56,707	42,287
Electric Utilities.....	461	1,692	432	967	578
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	47,104	47,451	49,379	58,812
Commercial.....	NA	35,630	36,567	35,592	39,847
Industrial.....	NA	11,376	18,816	23,511	26,915
Electric Utilities.....	NA	98	149	50	7
Vehicle Fuel.....	NA	1	8	9	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	1,740	2,374	1,770	619
Industrial.....	NA	80,933	76,023	83,220	77,208
Electric Utilities.....	NA	2,644	703	2,970	2,356
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	575,096	607,388	652,307	678,147	699,159
Commercial.....	72,647	76,386	80,739	84,041	93,504
Industrial.....	3,119	2,664	3,401	3,652	3,973
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	74	78	73	73	84
Commercial.....	501	489	482	445	433
Industrial.....	29,171	34,650	27,885	29,225	26,208
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.86	2.08	2.08	1.77	2.43
City Gate.....	2.88	3.15	3.27	2.95	3.74
Delivered to Consumers					
Residential.....	6.60	6.99	7.30	6.93	7.59
Commercial.....	4.79	5.51	5.56	5.24	6.18
Industrial.....	3.34	3.74	3.68	3.56	4.37
Vehicle Fuel.....	5.08	2.60	4.44	4.27	—
Electric Utilities.....	2.96	3.63	3.38	2.40	3.11

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 82. Summary Statistics for Natural Gas — North Dakota, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	496	525	507	463	462
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	104	101	104	99	108
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	12,461	18,892	19,592	16,914	16,810
From Oil Wells .....	47,518	46,059	43,640	39,760	38,906
Total.....	59,979	64,951	63,232	56,674	55,716
Repressuring .....	2,391	2,231	2,577	2,813	2,727
Nonhydrocarbon Gases Removed .....	508	532	358	93	358
Wet After Lease Separation.....	57,080	62,188	60,297	53,768	52,631
Vented and Flared .....	2,197	2,337	2,492	4,300	2,957
Marketed Production.....	54,883	59,851	57,805	49,468	49,674
Extraction Loss .....	6,055	5,924	5,671	5,327	4,937
Total Dry Production.....	48,828	53,927	52,134	44,141	44,737
<b>Supply (million cubic feet)</b>					
Dry Production .....	48,828	53,927	52,134	44,141	44,737
Receipts at State Borders					
Imports.....	0	0	1,617	4,559	6,110
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	465,592	517,897	543,543	574,766	598,044
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	58,496	57,680	57,127	57,393	55,867
Balancing Item .....	-7,998	-8,099	-4,439	869	-2,037
Total Supply.....	564,918	621,405	649,983	681,729	702,720

See footnotes at end of table.

Table 82. Summary Statistics for Natural Gas — North Dakota, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	36,588	39,962	42,853	45,378	49,030
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	528,330	581,442	607,129	636,351	653,690
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Total Disposition.....	564,918	621,405	649,983	681,729	702,720
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	3,709	3,522	6,247	6,800	7,320
Pipeline Fuel.....	2,729	4,242	4,246	4,665	4,757
Plant Fuel.....	4,753	4,734	5,059	4,542	4,283
Delivered to Consumers					
Residential.....	9,693	10,717	10,661	11,209	12,591
Commercial.....	9,759	10,642	10,783	11,644	12,150
Industrial.....	5,940	6,096	5,846	6,505	7,911
Vehicle Fuel.....	3	8	8	12	15
Electric Utilities.....	1	1	3	1	3
Total Delivered to Consumers.....	25,397	27,464	27,301	29,371	32,670
Total Consumption.....	36,588	39,962	42,853	45,378	49,030
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	3,035	2,908	2,199	2,224	1,454
Industrial.....	4,656	4,570	4,402	5,319	5,813
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	10,717	10,661	11,209	12,591
Commercial.....	NA	7,834	7,937	8,342	9,484
Industrial.....	NA	400	506	169	870
Electric Utilities.....	NA	1	2	1	3
Vehicle Fuel.....	NA	8	8	12	15
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	2,809	2,846	3,302	2,666
Industrial.....	NA	5,696	5,340	6,336	7,041
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	89,522	91,237	93,398	95,818	97,761
Commercial.....	12,353	12,650	12,944	13,399	13,789
Industrial.....	171	174	186	189	206
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	108	117	114	117	129
Commercial.....	790	841	833	869	881
Industrial.....	34,739	35,032	31,429	34,418	38,401
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.97	E1.84	NA	—	—
Imports.....	—	—	1.55	0.97	1.26
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.28	1.84	1.34	1.01	1.70
City Gate.....	3.28	3.29	3.15	2.58	2.94
Delivered to Consumers					
Residential.....	5.00	5.23	5.19	4.66	4.54
Commercial.....	4.52	4.75	4.48	3.90	3.91
Industrial.....	3.25	3.42	3.31	2.90	3.02
Vehicle Fuel.....	4.25	4.61	4.19	2.71	1.54
Electric Utilities.....	4.18	4.59	4.11	3.71	2.93

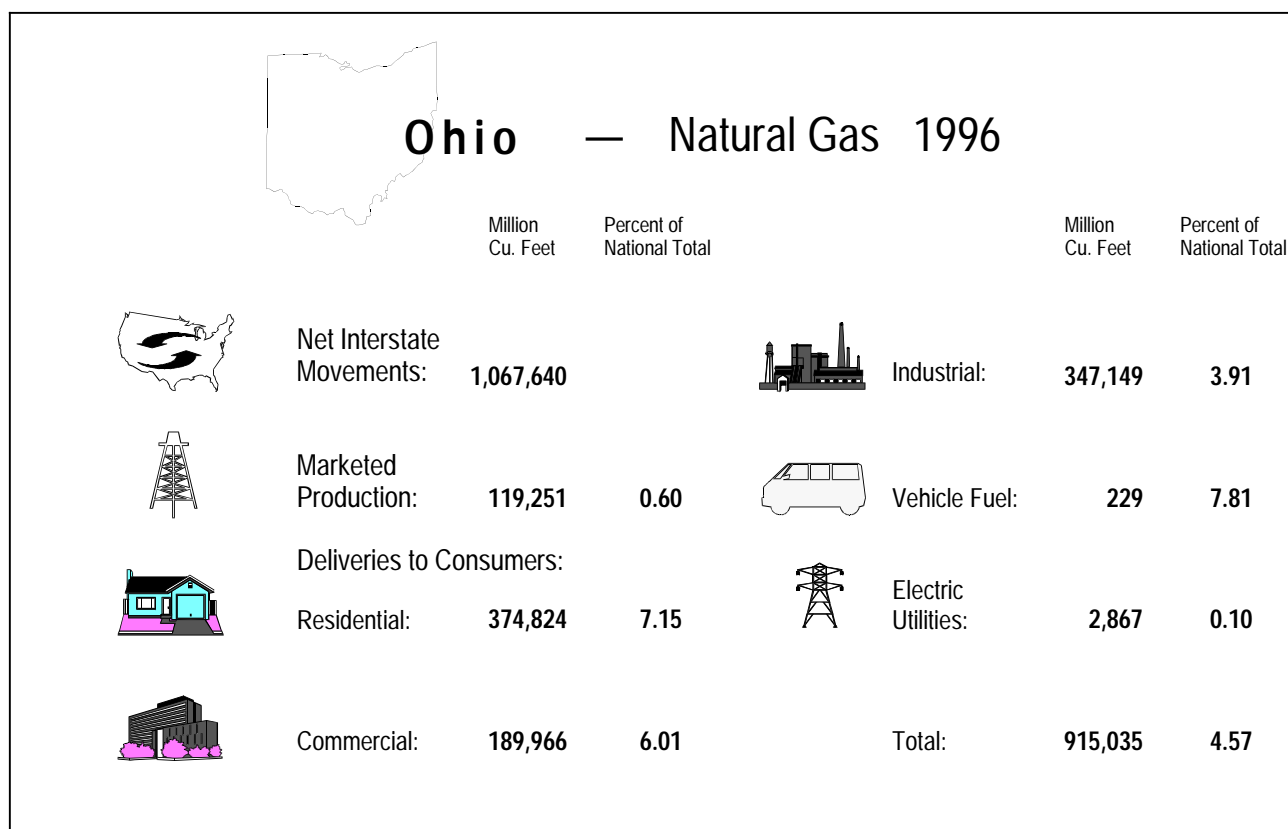
E = Estimated data.

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 83. Summary Statistics for Natural Gas — Ohio, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	1,161	1,104	1,094	1,054	1,113
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	34,784	34,782	34,731	34,520	34,380
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	144,815	137,285	132,151	126,336	119,251
From Oil Wells .....	0	0	0	0	0
Total.....	144,815	137,285	132,151	126,336	119,251
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	144,815	137,285	132,151	126,336	119,251
Vented and Flared .....	NA	NA	NA	NA	NA
Marketed Production.....	144,815	137,285	132,151	126,336	119,251
Extraction Loss .....	72	95	104	94	85
Total Dry Production.....	144,743	137,190	132,047	126,242	119,166
<b>Supply (million cubic feet)</b>					
Dry Production .....	144,743	137,190	132,047	126,242	119,166
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	2,125,670	2,226,113	2,617,648	2,817,908	2,997,400
Withdrawals from Storage					
Underground Storage .....	175,682	188,899	163,084	200,211	187,798
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	1,051	992	1,432	904	1,828
Balancing Item .....	4,785	-174,022	-40,803	-112,044	-241,361
Total Supply.....	2,451,931	2,379,173	2,873,408	3,033,222	3,064,832

See footnotes at end of table.

Table 83. Summary Statistics for Natural Gas — Ohio, 1992-1996 (Continued)

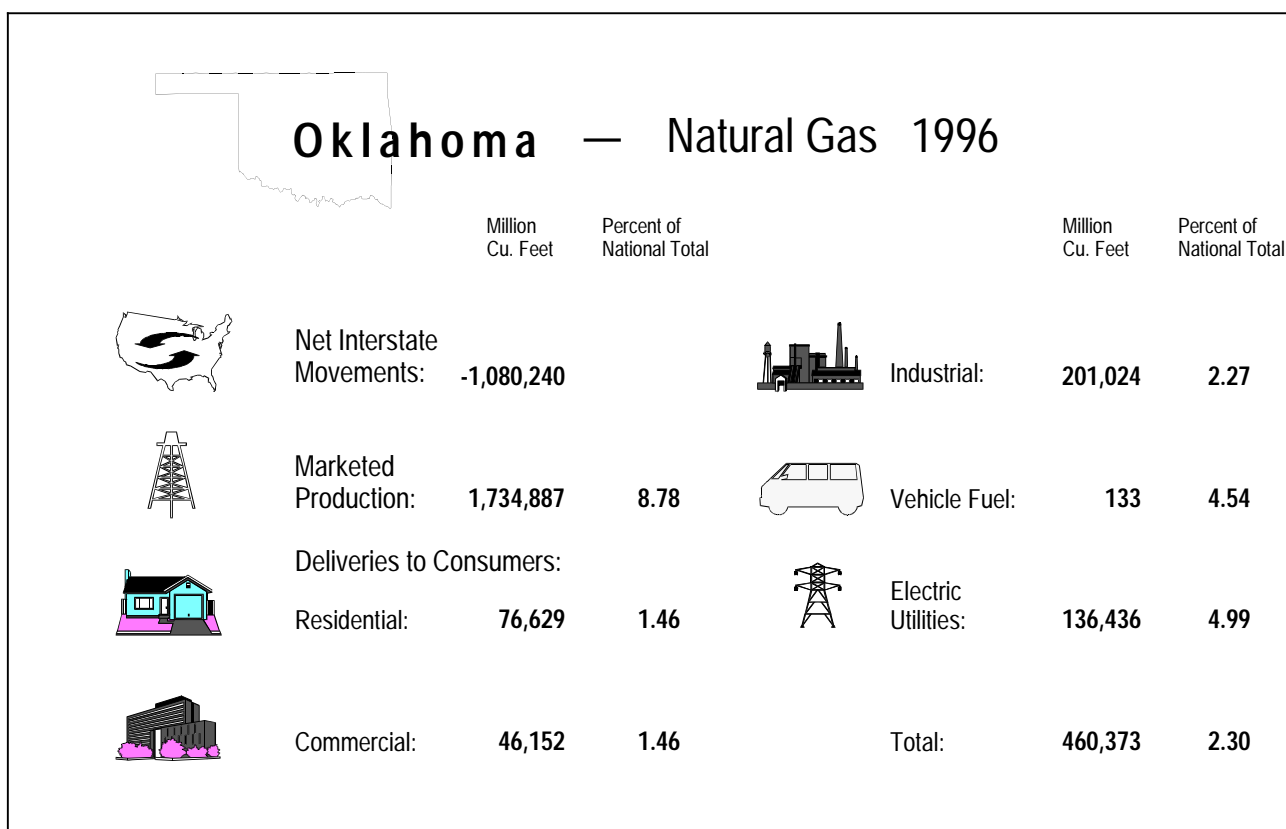
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	810,121	833,845	843,345	896,072	936,430
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,481,800	1,369,698	1,838,402	1,975,801	1,929,760
Additions to Storage					
Underground Storage.....	160,009	175,630	191,660	161,350	198,642
LNG Storage.....	0	0	0	0	0
Total Disposition.....	2,451,931	2,379,173	2,873,408	3,033,222	3,064,832
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	1,434	1,346	1,296	1,251	1,193
Pipeline Fuel.....	9,578	10,284	17,895	17,677	20,166
Plant Fuel.....	16	20	36	32	37
Delivered to Consumers					
Residential.....	340,628	354,110	343,331	357,754	374,824
Commercial.....	160,645	164,044	166,798	175,160	189,966
Industrial.....	294,805	301,261	311,123	336,552	347,149
Vehicle Fuel.....	59	44	48	187	229
Electric Utilities.....	2,956	2,737	2,818	7,459	2,867
Total Delivered to Consumers.....	799,093	822,195	824,119	877,112	915,035
Total Consumption.....	810,121	833,845	843,345	896,072	936,430
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	81	0	0	0	0
Commercial.....	23,188	25,345	30,807	41,569	53,609
Industrial.....	260,609	270,667	281,055	312,067	321,733
Electric Utilities.....	2,147	2,060	1,626	4,647	2,303
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	354,110	343,321	357,726	374,790
Commercial.....	NA	161,232	163,205	170,659	184,757
Industrial.....	NA	258,309	268,372	290,146	299,145
Electric Utilities.....	NA	782	985	1,659	1,342
Vehicle Fuel.....	NA	44	48	187	229
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	11	28	34
Commercial.....	NA	2,812	3,594	4,501	5,209
Industrial.....	NA	42,951	42,751	46,407	48,004
Electric Utilities.....	NA	1,939	1,703	3,667	1,344
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	2,826,713	2,867,959	2,921,536	2,967,375	2,994,891
Commercial.....	237,861	240,684	245,190	250,223	259,663
Industrial.....	8,573	8,678	8,655	8,650	8,672
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	121	123	118	121	125
Commercial.....	675	682	680	700	732
Industrial.....	34,388	34,715	35,947	38,908	40,031
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	2.35	2.46	2.43	2.33	2.63
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.83	2.53	2.50	2.03	2.88
City Gate.....	3.26	3.52	3.48	3.84	4.37
Delivered to Consumers					
Residential.....	5.20	5.71	5.88	5.46	5.90
Commercial.....	4.72	5.24	5.38	4.92	5.38
Industrial.....	4.15	4.64	4.45	3.93	4.10
Vehicle Fuel.....	3.12	4.82	4.87	4.44	4.77
Electric Utilities.....	2.31	2.94	3.85	2.34	3.44

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Table 84. Summary Statistics for Natural Gas — Oklahoma, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	13,926	13,289	13,487	13,438	13,074
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	28,902	29,118	29,121	29,733	29,733
<b>Production (million cubic feet)</b>					
Gross Withdrawals .....					
From Gas Wells.....	1,674,405	1,732,997	1,626,858	1,521,857	1,467,695
From Oil Wells .....	342,950	316,945	308,006	289,877	267,192
Total.....	2,017,356	2,049,942	1,934,864	1,811,734	1,734,887
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	2,017,356	2,049,942	1,934,864	1,811,734	1,734,887
Vented and Flared .....	NA	NA	NA	NA	NA
Marketed Production.....	2,017,356	2,049,942	1,934,864	1,811,734	1,734,887
Extraction Loss .....	104,609	101,962	101,564	94,930	100,379
Total Dry Production.....	1,912,747	1,947,980	1,833,300	1,716,804	1,634,508
<b>Supply (million cubic feet)</b>					
Dry Production .....	1,912,747	1,947,980	1,833,300	1,716,804	1,634,508
Receipts at State Borders .....					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	545,863	511,429	543,679	810,112	848,589
Withdrawals from Storage .....					
Underground Storage .....	107,526	136,715	104,738	114,073	140,028
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	-112,462	-195,446	-303	-105,683	-10,233
Total Supply.....	2,453,674	2,400,678	2,481,414	2,535,307	2,612,891

See footnotes at end of table.

Table 84. Summary Statistics for Natural Gas — Oklahoma, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	543,827	578,777	572,074	568,153	566,995
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,812,379	1,670,651	1,785,764	1,872,345	1,928,829
Additions to Storage					
Underground Storage.....	97,468	151,249	123,576	94,809	117,067
LNG Storage.....	0	0	0	0	0
Total Disposition.....	2,453,674	2,400,678	2,481,414	2,535,307	2,612,891
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	53,278	60,658	55,607	45,946	37,803
Pipeline Fuel.....	25,654	26,602	26,146	30,633	33,583
Plant Fuel.....	39,700	39,211	35,432	34,900	35,236
Delivered to Consumers					
Residential.....	65,811	78,360	69,211	68,702	76,629
Commercial.....	35,190	40,766	36,504	39,639	46,152
Industrial.....	175,168	179,406	195,909	194,101	201,024
Vehicle Fuel.....	45	108	157	117	133
Electric Utilities.....	148,980	153,666	153,109	154,114	136,436
Total Delivered to Consumers.....	425,195	452,306	454,889	456,674	460,373
Total Consumption.....	543,827	578,777	572,074	568,153	566,995
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	4,052	4,095	4,214	5,894	7,165
Industrial.....	133,643	124,925	148,340	164,610	187,816
Electric Utilities.....	137,019	145,216	139,435	138,365	125,825
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	78,360	69,211	68,700	76,629
Commercial.....	NA	37,460	32,220	36,699	44,276
Industrial.....	NA	35,853	30,103	114,292	86,838
Electric Utilities.....	NA	154,024	153,602	140,115	127,247
Vehicle Fuel.....	NA	2	2	117	133
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	2	0
Commercial.....	NA	3,306	4,284	2,940	1,876
Industrial.....	NA	143,553	165,806	79,809	114,185
Electric Utilities.....	NA	7,796	4,457	14,582	16,261
Vehicle Fuel.....	NA	106	154	0	0
<b>Number of Consumers</b>					
Residential.....	832,677	842,130	845,448	856,604	866,531
Commercial.....	87,120	88,181	87,494	88,358	89,852
Industrial.....	2,859	2,912	2,853	2,845	2,843
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	79	93	82	80	88
Commercial.....	404	462	417	449	514
Industrial.....	61,269	61,609	68,668	68,225	70,708
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.70	1.88	1.70	1.44	2.21
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.79	1.72	1.64	1.36	2.12
City Gate.....	2.22	2.45	2.46	2.52	2.56
Delivered to Consumers					
Residential.....	4.96	4.94	5.50	5.56	5.64
Commercial.....	4.23	4.42	4.73	4.48	4.71
Industrial.....	2.02	2.20	2.14	2.27	3.26
Vehicle Fuel.....	3.06	2.66	2.36	2.36	2.36
Electric Utilities.....	3.20	3.23	2.76	2.34	2.98

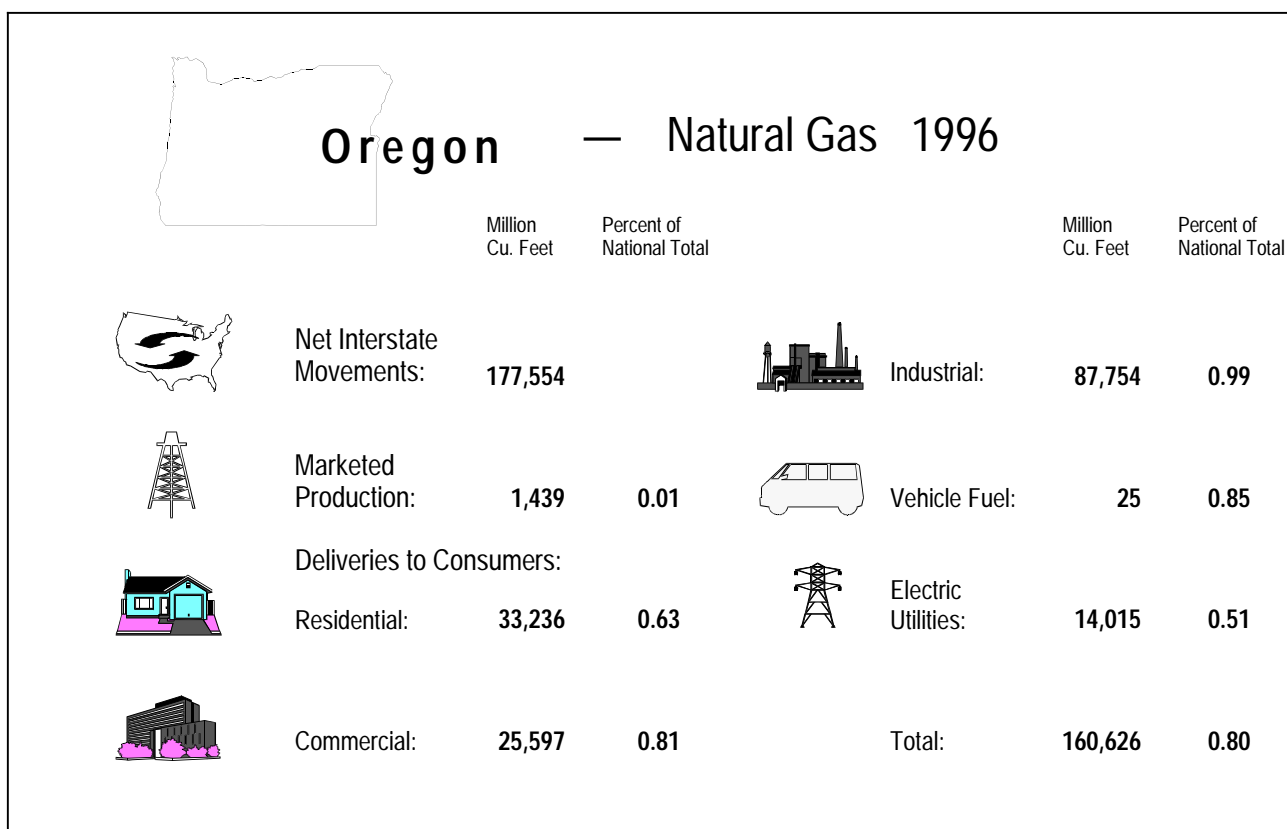
NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.





**Table 85. Summary Statistics for Natural Gas — Oregon, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	NA	NA	NA	NA	NA
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	16	18	19	17	18
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	2,580	4,003	4,200	2,520	1,743
From Oil Wells .....	0	0	0	0	0
Total.....	2,580	4,003	4,200	2,520	1,743
Repressuring .....	0	0	55	43	39
Nonhydrocarbon Gases Removed .....	0	0	924	554	265
Wet After Lease Separation.....	2,580	4,003	3,221	1,923	1,439
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	2,580	4,003	3,221	1,923	1,439
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	2,580	4,003	3,221	1,923	1,439
<b>Supply (million cubic feet)</b>					
Dry Production .....	2,580	4,003	3,221	1,923	1,439
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	541,201	540,702	765,764	882,385	906,506
Withdrawals from Storage					
Underground Storage .....	6,985	6,302	5,237	3,567	5,199
LNG Storage.....	409	1,360	1,117	675	939
Supplemental Gas Supplies .....	2	3	2	2	2
Balancing Item .....	27,923	25,583	6,816	4,075	-11,418
Total Supply.....	579,101	577,952	782,157	892,627	902,666

See footnotes at end of table.

Table 85. Summary Statistics for Natural Gas — Oregon, 1992-1996 (Continued)

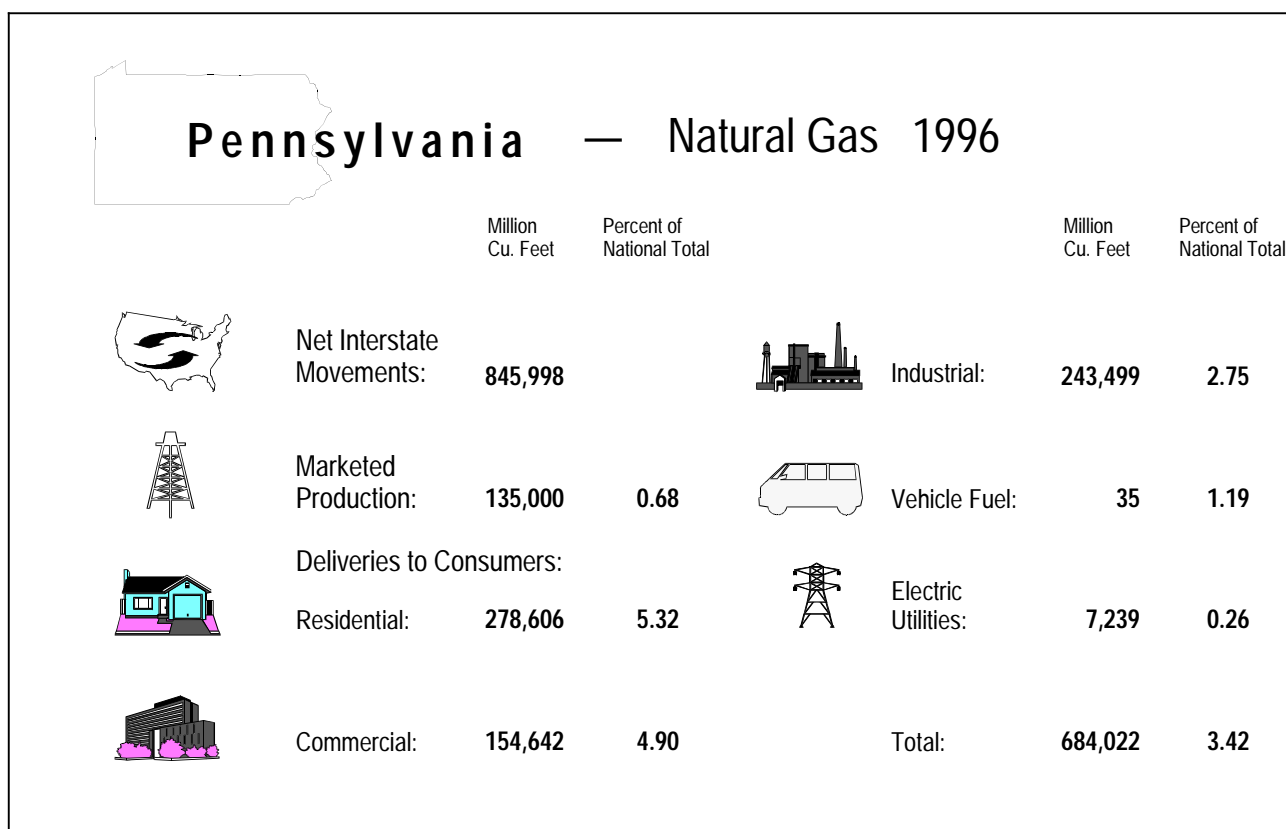
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	122,350	135,611	146,409	145,867	168,605
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	450,261	435,002	628,931	741,523	728,952
Additions to Storage					
Underground Storage.....	6,114	6,202	5,956	4,447	4,416
LNG Storage.....	376	1,137	860	790	693
Total Disposition.....	579,101	577,952	782,157	892,627	902,666
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	68	118	95	66	40
Pipeline Fuel.....	6,812	4,877	5,788	7,256	7,939
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	23,109	29,777	28,848	28,067	33,236
Commercial.....	19,570	24,047	22,960	22,419	25,597
Industrial.....	58,519	60,617	62,569	68,904	87,754
Vehicle Fuel.....	6	8	17	18	25
Electric Utilities.....	14,264	16,167	26,132	19,136	14,015
Total Delivered to Consumers.....	115,469	130,615	140,526	138,545	160,626
Total Consumption.....	122,350	135,611	146,409	145,867	168,605
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	433	504	430	419	431
Industrial.....	46,434	43,558	42,891	51,352	71,942
Electric Utilities.....	12,818	16,041	26,310	19,136	13,127
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	29,777	28,848	28,067	33,236
Commercial.....	NA	23,543	22,529	22,001	25,166
Industrial.....	NA	16,067	18,733	22,694	41,597
Electric Utilities.....	NA	14,879	26,310	19,136	13,127
Vehicle Fuel.....	NA	8	17	18	25
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	504	430	419	431
Industrial.....	NA	44,549	43,835	46,211	46,157
Electric Utilities.....	NA	1,162	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	354,256	371,151	391,845	411,465	433,638
Commercial.....	50,251	51,910	53,700	55,409	57,613
Industrial.....	740	696	765	791	799
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	65	80	74	68	77
Commercial.....	389	463	428	405	444
Industrial.....	79,080	87,093	81,789	87,110	109,830
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.29	1.70	2.06	0.93	2.26
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.16	1.71	1.86	1.77	1.77
City Gate.....	2.34	2.48	2.73	2.42	2.42
Delivered to Consumers					
Residential.....	6.17	6.42	6.99	6.74	6.31
Commercial.....	4.73	5.04	5.52	5.23	4.85
Industrial.....	3.36	3.48	3.61	3.41	3.24
Vehicle Fuel.....	2.17	3.77	4.91	4.63	4.43
Electric Utilities.....	1.97	2.28	1.85	1.31	1.33

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 86. Summary Statistics for Natural Gas — Pennsylvania, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	1,528	1,717	1,800	1,482	1,696
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	31,000	31,100	20,296	31,025	31,792
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	138,675	132,130	120,506	111,000	135,000
From Oil Wells .....	0	0	0	0	0
Total.....	138,675	132,130	120,506	111,000	135,000
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	138,675	132,130	120,506	111,000	135,000
Vented and Flared .....	NA	NA	NA	NA	NA
Marketed Production.....	138,675	132,130	120,506	111,000	135,000
Extraction Loss .....	604	513	513	582	603
Total Dry Production.....	138,071	131,617	119,993	110,418	134,397
<b>Supply (million cubic feet)</b>					
Dry Production .....	138,071	131,617	119,993	110,418	134,397
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	2,240,904	2,167,583	2,165,861	2,718,075	2,650,265
Withdrawals from Storage					
Underground Storage .....	377,889	381,060	340,334	396,393	316,757
LNG Storage.....	2,797	4,534	5,030	3,921	4,722
Supplemental Gas Supplies .....	132	110	252	75	266
Balancing Item .....	-28,977	-236,955	-111,958	-188,486	-192,298
Total Supply.....	2,730,816	2,447,949	2,519,513	3,040,396	2,914,109

See footnotes at end of table.

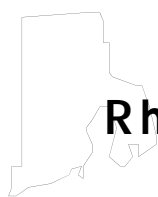
**Table 86. Summary Statistics for Natural Gas — Pennsylvania, 1992-1996 (Continued)**

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	682,521	691,021	697,232	721,433	727,963
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,661,664	1,370,888	1,476,943	1,982,831	1,804,267
Additions to Storage					
Underground Storage.....	383,762	381,711	339,512	332,608	376,290
LNG Storage.....	2,869	4,329	5,826	3,523	5,590
Total Disposition.....	2,730,816	2,447,949	2,519,513	3,040,396	2,914,109
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	3,040	3,910	3,136	2,888	3,082
Pipeline Fuel.....	38,548	36,289	37,959	37,869	40,642
Plant Fuel.....	341	235	116	181	217
Delivered to Consumers					
Residential.....	266,528	268,996	268,405	262,126	278,606
Commercial.....	134,254	131,776	138,473	143,735	154,642
Industrial.....	236,708	241,508	236,417	249,928	243,499
Vehicle Fuel.....	3	4	10	10	35
Electric Utilities.....	3,100	8,304	12,716	24,697	7,239
Total Delivered to Consumers.....	640,593	650,587	656,021	680,495	684,022
Total Consumption.....	682,521	691,021	697,232	721,433	727,963
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	1,402	1,397	998	211	245
Commercial.....	32,481	29,758	35,514	45,481	45,809
Industrial.....	182,522	183,131	187,980	209,372	198,545
Electric Utilities.....	3,252	3,264	8,948	24,181	5,056
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	268,996	268,405	262,126	278,606
Commercial.....	NA	117,745	124,236	129,771	134,732
Industrial.....	NA	152,465	172,414	184,624	180,509
Electric Utilities.....	NA	5,984	6,195	3,549	1,662
Vehicle Fuel.....	NA	2	7	5	23
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	14,030	14,237	13,964	19,910
Industrial.....	NA	89,043	64,003	65,304	62,990
Electric Utilities.....	NA	3,021	7,958	22,028	4,147
Vehicle Fuel.....	NA	1	3	4	11
<b>Number of Consumers</b>					
Residential.....	2,363,575	2,386,249	2,393,053	2,413,715	2,431,909
Commercial.....	193,863	198,299	206,812	209,245	214,340
Industrial.....	6,496	6,407	6,388	6,328	6,441
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	113	113	112	109	115
Commercial.....	693	665	670	687	721
Industrial.....	36,439	37,694	37,010	39,496	37,805
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.95	2.71	2.76	2.84	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.41	2.83	2.47	2.00	2.71
City Gate.....	3.29	3.41	3.46	3.09	2.68
Delivered to Consumers					
Residential.....	6.60	6.84	7.44	7.16	7.38
Commercial.....	5.87	5.99	6.50	6.28	6.44
Industrial.....	3.75	3.85	4.01	3.90	4.12
Vehicle Fuel.....	5.97	8.28	6.46	7.24	4.14
Electric Utilities.....	3.06	2.65	2.36	2.04	2.85

NA = Not available.  
 — = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



## Rhode Island — Natural Gas 1996




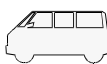



	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	106,591		 Industrial:	25,829	0.29
 Marketed Production:	0	0.00	 Vehicle Fuel:	3	0.10
Deliveries to Consumers:			 Electric Utilities:	25,071	0.92
 Residential:	18,839	0.36			
 Commercial:	12,298	0.39	Total:	82,041	0.41

Table 87. Summary Statistics for Natural Gas — Rhode Island, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	205,808	159,848	184,516	251,800	243,047
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	1,216	800	996	908	1,603
Supplemental Gas Supplies .....	155	126	0	27	42
Balancing Item .....	3,935	11,282	12,678	-30,041	-24,660
Total Supply.....	211,114	172,056	198,189	222,694	220,031

See footnotes at end of table.

Table 87. Summary Statistics for Natural Gas — Rhode Island, 1992-1996 (Continued)

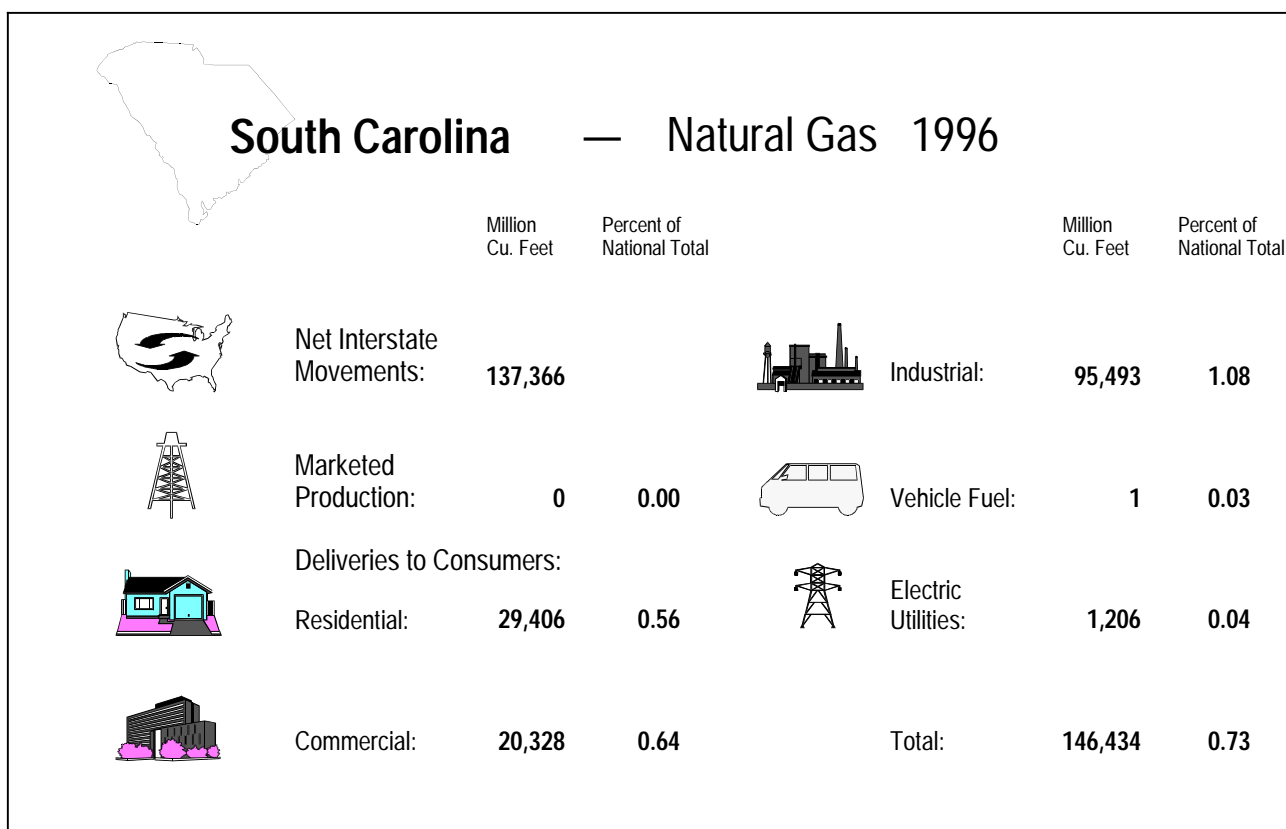
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	77,833	75,559	71,267	70,137	82,725
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	132,486	96,034	125,766	151,700	136,456
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	796	462	1,156	857	850
Total Disposition.....	211,114	172,056	198,189	222,694	220,031
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	357	213	366	617	685
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	20,000	19,722	17,384	17,342	18,839
Commercial.....	9,080	9,205	12,049	12,064	12,298
Industrial.....	47,917	46,031	40,921	35,109	25,829
Vehicle Fuel.....	9	1	1	2	3
Electric Utilities.....	469	387	546	5,002	25,071
Total Delivered to Consumers.....	77,476	75,346	70,901	69,520	82,041
Total Consumption.....	77,833	75,559	71,267	70,137	82,725
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	0	0	1,010
Industrial.....	42,457	41,243	37,257	31,211	21,472
Electric Utilities.....	466	0	0	0	25,046
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	19,722	17,384	17,342	18,839
Commercial.....	NA	7,825	10,524	11,206	12,105
Industrial.....	NA	43,502	39,723	33,885	24,759
Electric Utilities.....	NA	0	0	0	25,046
Vehicle Fuel.....	NA	1	1	2	3
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	1,380	1,525	858	193
Industrial.....	NA	2,529	1,197	1,224	1,071
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	197,926	198,563	200,959	202,947	204,259
Commercial.....	18,607	21,178	21,208	21,472	21,664
Industrial.....	1,096	1,066	1,064	359	363
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	101	99	87	85	92
Commercial.....	488	435	568	562	568
Industrial.....	43,720	43,181	38,459	97,798	71,156
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.94	3.31	2.69	2.21	3.35
City Gate.....	3.82	4.41	4.17	3.57	4.41
Delivered to Consumers					
Residential.....	7.68	8.17	9.12	8.02	8.49
Commercial.....	6.32	7.10	7.57	6.41	7.50
Industrial.....	4.66	5.11	4.43	4.09	4.67
Vehicle Fuel.....	3.88	7.09	7.09	5.85	3.34
Electric Utilities.....	2.20	2.51	2.29	1.90	2.29

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



**Table 88. Summary Statistics for Natural Gas — South Carolina, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,065,954	1,024,140	1,025,779	1,053,357	1,102,786
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	323	752	682	754	910
Supplemental Gas Supplies .....	26	34	154	62	178
Balancing Item .....	9,179	11,296	14,766	4,985	12,094
Total Supply.....	1,075,482	1,036,222	1,041,381	1,059,158	1,115,967

See footnotes at end of table.

Table 88. Summary Statistics for Natural Gas — South Carolina, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	138,057	141,522	144,526	151,915	149,572
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	937,086	893,469	896,007	906,316	965,420
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	339	1,231	847	927	976
Total Disposition.....	1,075,482	1,036,222	1,041,381	1,059,158	1,115,967
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	2,900	2,755	2,663	2,934	3,138
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	22,392	24,345	23,486	25,164	29,406
Commercial.....	16,644	17,014	17,870	18,868	20,328
Industrial.....	94,327	95,557	97,500	98,332	95,493
Vehicle Fuel.....	0	0	2	1	1
Electric Utilities.....	1,795	1,851	3,005	6,615	1,206
Total Delivered to Consumers.....	135,157	138,767	141,863	148,980	146,434
Total Consumption.....	138,057	141,522	144,526	151,915	149,572
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	239	132	265	688	199
Industrial.....	31,176	33,507	22,755	18,336	13,562
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	24,345	23,486	25,164	29,406
Commercial.....	NA	14,156	14,435	15,127	16,555
Industrial.....	NA	12,292	17,424	18,452	17,983
Electric Utilities.....	NA	0	60	72	3
Vehicle Fuel.....	NA	0	2	1	1
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	2,859	3,435	3,740	3,773
Industrial.....	NA	83,265	80,076	79,880	77,510
Electric Utilities.....	NA	1,415	2,961	12,663	1,715
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	357,818	370,411	416,773	412,259	426,088
Commercial.....	40,968	42,191	45,487	47,293	48,650
Industrial.....	1,568	1,625	1,928	1,802	1,759
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	63	66	56	61	69
Commercial.....	406	403	393	399	418
Industrial.....	60,158	58,804	50,571	54,568	54,288
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.94	2.08	2.06	1.80	2.54
City Gate.....	3.23	3.54	3.67	3.25	3.90
Delivered to Consumers					
Residential.....	7.03	7.14	7.65	7.54	7.41
Commercial.....	5.65	5.82	6.11	6.09	6.26
Industrial.....	3.13	3.35	3.32	3.11	3.77
Vehicle Fuel.....	—	—	3.40	4.67	2.87
Electric Utilities.....	1.73	2.97	1.71	1.64	4.56

NA = Not available.

— = Not applicable.




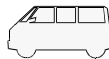



Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.





## South Dakota — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	36,327		 Industrial:	7,182	0.08
 Marketed Production:	1,329	0.01	 Vehicle Fuel:	4	0.14
Deliveries to Consumers:			 Residential:	14,085	0.27
			 Electric Utilities:	725	0.03
 Commercial:	11,598	0.37	Total:	33,594	0.17

**Table 89. Summary Statistics for Natural Gas — South Dakota, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	NA	NA	NA	NA	NA
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	38	47	55	56	61
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	1,006	854	1,000	848	905
From Oil Wells .....	5,957	6,204	6,264	7,526	8,061
Total.....	6,963	7,057	7,264	8,374	8,965
Repressuring .....	30	19	22	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	6,932	7,038	7,242	8,374	8,965
Vented and Flared .....	5,476	5,732	5,805	7,122	7,636
Marketed Production.....	1,456	1,306	1,437	1,252	1,329
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	1,456	1,306	1,437	1,252	1,329
<b>Supply (million cubic feet)</b>					
Dry Production .....	1,456	1,306	1,437	1,252	1,329
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	532,549	592,248	613,908	638,002	656,552
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	13	0	0	0	143
Supplemental Gas Supplies .....	10	9	61	37	87
Balancing Item .....	-1,036	-650	-773	-960	-980
Total Supply.....	532,993	592,913	614,633	638,331	657,130

See footnotes at end of table.

Table 89. Summary Statistics for Natural Gas — South Dakota, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	26,645	31,311	30,980	34,292	36,905
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	506,324	561,602	583,653	604,039	620,225
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	24	0	0	0	0
Total Disposition.....	532,993	592,913	614,633	638,331	657,130
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	451	452	437	404	424
Pipeline Fuel.....	1,741	2,564	2,541	2,724	2,887
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	10,791	12,431	12,056	12,610	14,085
Commercial.....	9,122	10,696	10,274	10,685	11,598
Industrial.....	4,488	4,976	5,508	6,933	7,182
Vehicle Fuel.....	5	7	5	4	4
Electric Utilities.....	48	186	159	931	725
Total Delivered to Consumers.....	24,454	28,295	28,002	31,164	33,594
Total Consumption.....	26,645	31,311	30,980	34,292	36,905
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	1
Commercial.....	1,603	1,724	1,124	1,406	2,008
Industrial.....	2,129	2,428	3,449	5,017	5,414
Electric Utilities.....	714	142	64	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	12,431	12,056	12,610	14,085
Commercial.....	NA	8,890	9,491	9,868	10,698
Industrial.....	NA	2,040	2,571	2,835	2,960
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	7	5	4	4
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	1,806	784	816	900
Industrial.....	NA	2,935	2,936	4,098	4,222
Electric Utilities.....	NA	154	64	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	110,291	128,029	119,544	124,152	127,269
Commercial.....	14,133	16,523	15,539	16,285	16,880
Industrial.....	319	355	381	396	444
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	98	97	101	102	111
Commercial.....	645	647	661	656	687
Industrial.....	14,068	14,016	14,456	17,509	16,176
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.79	2.13	1.73	1.59	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.22	1.80	1.36	1.03	1.75
City Gate.....	3.10	3.35	3.35	2.88	3.19
Delivered to Consumers					
Residential.....	5.15	5.30	5.27	5.05	5.25
Commercial.....	4.19	4.37	4.35	3.99	4.20
Industrial.....	3.63	3.76	3.72	3.44	3.50
Vehicle Fuel.....	4.08	4.19	3.17	3.89	3.76
Electric Utilities.....	2.88	2.41	2.65	1.58	2.36

NA = Not available.




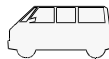



— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



# Tennessee — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	321,649		 Industrial:	126,545	1.43
 Marketed Production:	1,690	0.01	 Vehicle Fuel:	15	0.51
Deliveries to Consumers:			 Electric Utilities:	572	0.02
 Residential:	70,423	1.34			
 Commercial:	58,497	1.85	Total:	256,053	1.28

**Table 90. Summary Statistics for Natural Gas — Tennessee, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	NA	NA	NA	NA	NA
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	1,770	1,660	1,990	1,820	1,690
Total.....	1,770	1,660	1,990	1,820	1,690
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	1,770	1,660	1,990	1,820	1,690
Vented and Flared .....	NA	NA	NA	NA	NA
Marketed Production.....	1,770	1,660	1,990	1,820	1,690
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	1,770	1,660	1,990	1,820	1,690
<b>Supply (million cubic feet)</b>					
Dry Production .....	1,770	1,660	1,990	1,820	1,690
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	3,361,934	3,510,786	3,878,897	4,027,113	4,272,871
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	3,065	2,931	2,879	3,035	3,985
Supplemental Gas Supplies .....	12	13	84	33	73
Balancing Item .....	70,754	51,663	24,107	-14,215	-44,277
Total Supply.....	3,437,535	3,567,053	3,907,957	4,017,785	4,234,342

See footnotes at end of table.

Table 90. Summary Statistics for Natural Gas — Tennessee, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	241,702	254,218	246,157	256,843	280,311
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	3,193,074	3,310,172	3,658,815	3,758,529	3,951,222
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	2,759	2,663	2,985	2,414	2,809
Total Disposition.....	3,437,535	3,567,053	3,907,957	4,017,785	4,234,342
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	39	49	44	47	37
Pipeline Fuel.....	16,388	18,655	18,106	17,696	24,221
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	52,220	58,919	57,334	59,994	70,423
Commercial.....	46,532	50,754	50,760	51,235	58,497
Industrial.....	126,230	124,306	118,889	125,814	126,545
Vehicle Fuel.....	2	4	5	3	15
Electric Utilities.....	291	1,531	1,019	2,055	572
Total Delivered to Consumers.....	225,275	235,514	228,007	239,100	256,053
Total Consumption.....	241,702	254,218	246,157	256,843	280,311
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	1,680	2,129	2,992	3,163	3,316
Industrial.....	63,666	66,780	64,615	65,914	67,050
Electric Utilities.....	219	1,015	498	1,414	425
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	58,919	57,057	59,994	70,423
Commercial.....	NA	47,002	46,932	47,235	53,058
Industrial.....	NA	38,150	44,500	47,941	52,137
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	4	5	3	15
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	277	0	0
Commercial.....	NA	3,752	3,829	4,000	5,440
Industrial.....	NA	86,155	74,389	77,873	74,408
Electric Utilities.....	NA	1,625	971	2,127	688
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	696,140	733,363	768,421	804,724	841,232
Commercial.....	91,999	94,860	97,943	101,561	103,867
Industrial.....	2,425	2,512	2,440	2,393	2,306
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	75	80	75	75	84
Commercial.....	506	535	518	504	563
Industrial.....	52,054	49,485	48,725	52,576	54,877
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.79	2.65	2.16	1.54	2.54
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.44	2.23	1.88	1.59	2.57
City Gate.....	2.90	2.93	2.71	2.71	4.04
Delivered to Consumers					
Residential.....	5.50	5.69	6.13	5.77	6.26
Commercial.....	5.06	5.27	5.56	5.18	5.72
Industrial.....	3.44	3.89	3.84	3.34	3.92
Vehicle Fuel.....	4.35	4.63	5.69	5.08	5.49
Electric Utilities.....	2.49	1.11	1.20	2.28	2.61

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

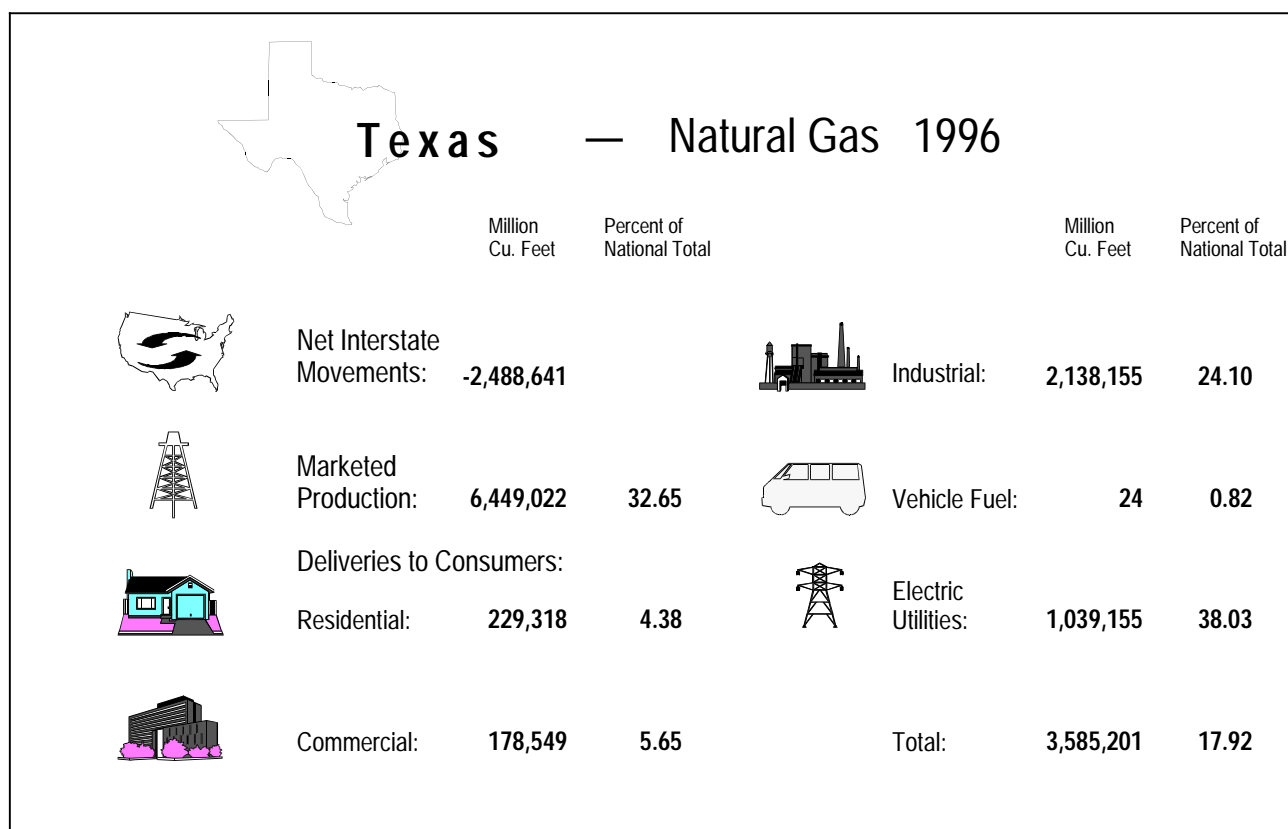


Table 91. Summary Statistics for Natural Gas — Texas, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	42,089	41,379	42,357	43,067	38,270
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	46,298	47,101	48,654	54,635	53,816
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	5,406,256	5,474,559	5,643,577	5,660,153	5,823,804
From Oil Wells .....	1,301,756	1,342,368	1,268,127	1,212,503	1,182,798
Total.....	6,708,012	6,816,927	6,911,705	6,872,656	7,006,602
Repressuring .....	362,458	348,558	319,360	296,192	273,301
Nonhydrocarbon Gases Removed .....	180,003	184,258	196,463	200,233	238,897
Wet After Lease Separation.....	6,165,551	6,284,111	6,395,881	6,376,231	6,494,404
Vented and Flared .....	19,689	34,486	42,037	46,183	45,382
Marketed Production.....	6,145,862	6,249,624	6,353,844	6,330,048	6,449,022
Extraction Loss .....	374,126	385,063	381,020	381,712	398,442
Total Dry Production.....	5,771,736	5,864,561	5,972,824	5,948,336	6,050,580
<b>Supply (million cubic feet)</b>					
Dry Production .....	5,771,736	5,864,561	5,972,824	5,948,336	6,050,580
Receipts at State Borders					
Imports.....	0	1,678	7,013	6,722	13,862
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	566,789	538,183	603,826	853,812	941,088
Withdrawals from Storage					
Underground Storage .....	384,042	232,070	274,046	300,889	369,783
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	1	3	1	1	0
Balancing Item .....	-64,200	-65,481	-164,969	232,524	365,508
Total Supply.....	6,658,369	6,571,015	6,692,740	7,342,283	7,740,821

See footnotes at end of table.

Table 91. Summary Statistics for Natural Gas — Texas, 1992-1996 (Continued)

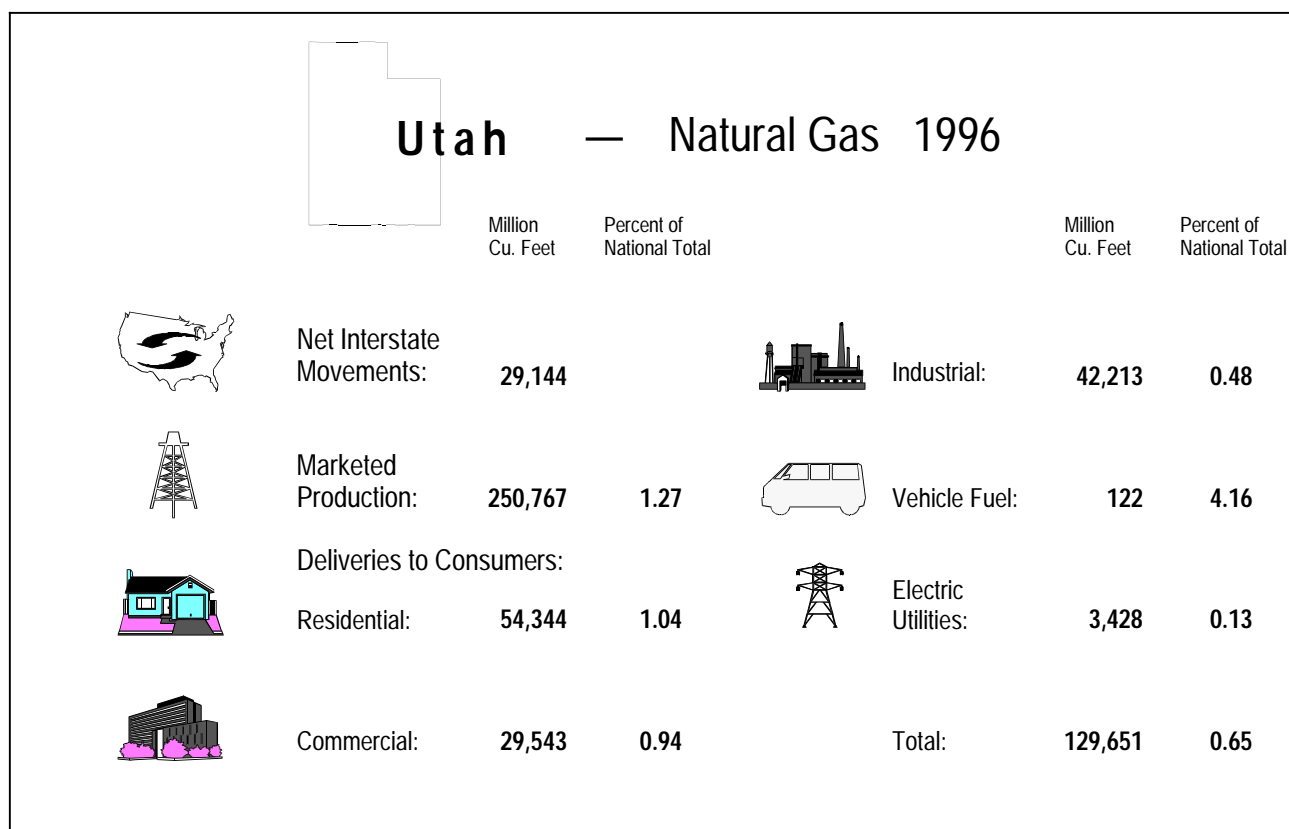
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	3,476,274	3,741,252	3,666,329	3,802,489	3,991,316
Deliveries at State Borders					
Exports.....	93,408	36,423	44,041	61,241	30,435
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	2,748,086	2,571,929	2,672,096	3,203,828	3,413,156
Additions to Storage					
Underground Storage.....	340,602	221,412	310,273	274,724	305,914
LNG Storage.....	0	0	0	0	0
Total Disposition.....	6,658,369	6,571,015	6,692,740	7,342,283	7,740,821
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	123,111	130,916	139,427	178,827	177,508
Pipeline Fuel.....	80,903	82,175	95,684	81,877	75,567
Plant Fuel.....	170,734	165,507	158,826	154,721	153,039
Delivered to Consumers					
Residential.....	214,682	231,799	213,433	206,415	229,318
Commercial.....	184,673	175,988	180,232	209,584	178,549
Industrial.....	1,734,001	1,882,288	1,829,478	1,923,763	2,138,155
Vehicle Fuel.....	4	73	45	29	24
Electric Utilities.....	968,165	1,072,506	1,049,205	1,047,274	1,039,155
Total Delivered to Consumers.....	3,101,526	3,362,654	3,272,393	3,387,065	3,585,201
Total Consumption.....	3,476,274	3,741,252	3,666,329	3,802,489	3,991,316
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	43	0	0	0	0
Commercial.....	37,443	28,423	31,742	65,911	29,469
Industrial.....	1,190,677	1,258,773	1,321,308	1,402,017	1,708,843
Electric Utilities.....	449,615	544,255	659,710	577,894	578,654
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	231,799	213,433	206,415	229,318
Commercial.....	NA	157,320	167,798	154,451	164,788
Industrial.....	NA	1,014,361	1,114,766	1,069,917	1,165,722
Electric Utilities.....	NA	424,350	512,960	410,160	479,907
Vehicle Fuel.....	NA	73	6	2	21
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	18,667	12,433	55,133	13,761
Industrial.....	NA	867,927	714,712	853,846	972,433
Electric Utilities.....	NA	444,175	478,646	473,726	419,121
Vehicle Fuel.....	NA	0	40	27	3
<b>Number of Consumers</b>					
Residential.....	3,285,025	3,346,809	3,350,314	3,446,120	3,501,853
Commercial.....	292,990	297,516	306,376	325,785	329,287
Industrial.....	5,481	5,823	5,222	9,043	8,796
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	65	69	64	60	65
Commercial.....	630	592	588	643	542
Industrial.....	316,366	323,250	350,341	212,735	243,083
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.77	2.09	1.89	1.61	2.29
Imports.....	—	1.94	1.99	1.53	2.25
Exports.....	1.92	2.10	1.68	1.49	2.13
Pipeline Fuel.....	1.66	1.82	1.64	1.64	2.40
City Gate.....	3.06	3.32	3.00	2.95	3.22
Delivered to Consumers					
Residential.....	5.78	5.91	5.99	5.92	5.89
Commercial.....	4.09	4.45	4.33	4.09	4.27
Industrial.....	2.12	2.51	2.20	1.89	2.58
Vehicle Fuel.....	4.53	5.03	3.41	2.88	3.34
Electric Utilities.....	2.25	2.47	2.20	1.93	2.51

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Table 92. Summary Statistics for Natural Gas — Utah, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	1,830	2,040	1,789	1,580	1,633
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	1,006	1,061	1,303	1,127	1,339
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	229,494	264,481	304,347	262,400	233,594
From Oil Wells .....	84,781	71,702	42,672	40,833	47,614
Total.....	314,275	336,183	347,019	303,233	281,208
Repressuring .....	141,698	108,629	72,798	26,874	3,165
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	172,577	227,554	274,221	276,358	278,044
Vented and Flared .....	1,284	2,153	3,363	35,069	27,277
Marketed Production.....	171,293	225,401	270,858	241,290	250,767
Extraction Loss .....	11,851	13,300	13,780	13,679	10,970
Total Dry Production.....	159,442	212,101	257,078	227,611	239,797
<b>Supply (million cubic feet)</b>					
Dry Production .....	159,442	212,101	257,078	227,611	239,797
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	333,653	393,269	444,646	431,245	420,103
Withdrawals from Storage					
Underground Storage .....	26,740	27,216	22,921	32,084	45,323
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	-92,653	-99,012	-104,650	-113,083	-121,524
Total Supply.....	427,182	533,574	619,996	577,857	583,698

See footnotes at end of table.

Table 92. Summary Statistics for Natural Gas — Utah, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	122,649	138,044	137,073	156,824	160,371
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	273,310	361,042	440,415	388,831	390,959
Additions to Storage					
Underground Storage.....	31,222	34,488	42,508	32,201	32,368
LNG Storage.....	0	0	0	0	0
Total Disposition.....	427,182	533,574	619,996	577,857	583,698
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	3,866	3,241	3,322	18,520	18,570
Pipeline Fuel.....	1,284	2,513	2,807	2,831	3,601
Plant Fuel.....	8,745	9,285	9,951	8,492	8,549
Delivered to Consumers					
Residential.....	44,701	51,779	48,922	48,975	54,344
Commercial.....	16,584	22,588	26,501	26,825	29,543
Industrial.....	40,878	42,301	36,618	42,373	42,213
Vehicle Fuel.....	15	33	52	100	122
Electric Utilities.....	6,576	6,305	8,900	8,707	3,428
Total Delivered to Consumers.....	108,755	123,005	120,993	126,981	129,651
Total Consumption.....	122,649	138,044	137,073	156,824	160,371
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	4,438	4,892	5,360
Industrial.....	36,087	39,387	32,238	37,694	38,424
Electric Utilities.....	5,434	5,004	7,922	7,515	4,006
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	51,779	48,922	48,975	54,344
Commercial.....	NA	21,258	20,273	20,102	22,811
Industrial.....	NA	1,891	1,999	1,772	12,816
Electric Utilities.....	NA	0	6,200	7,094	3,559
Vehicle Fuel.....	NA	33	52	100	122
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	1,330	6,228	6,723	6,733
Industrial.....	NA	40,410	34,619	40,601	29,397
Electric Utilities.....	NA	5,009	1,756	457	506
Vehicle Fuel.....	NA	0	0	0	1
<b>Number of Consumers</b>					
Residential.....	467,664	484,438	503,583	523,622	562,343
Commercial.....	36,145	37,816	39,183	40,101	40,107
Industrial.....	783	345	252	713	923
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	96	107	97	94	97
Commercial.....	459	597	676	669	737
Industrial.....	52,207	122,611	145,310	59,430	45,734
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.63	1.77	1.54	1.15	1.39
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.25	1.91	1.94	1.57	1.68
City Gate.....	4.09	2.63	3.31	2.88	2.25
Delivered to Consumers					
Residential.....	5.44	5.13	4.96	4.74	4.47
Commercial.....	4.40	4.06	3.84	3.64	3.38
Industrial.....	3.91	3.67	2.74	2.34	2.10
Vehicle Fuel.....	5.42	5.27	4.90	4.73	4.49
Electric Utilities.....	1.87	2.31	2.42	2.26	1.83

NA = Not available.

— = Not applicable.




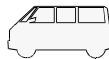



Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.





# Vermont — Natural Gas 1996

	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	10,799		 Industrial:	1,953	0.02
 Marketed Production:	0	0.00	 Vehicle Fuel:	0	0.00
Deliveries to Consumers:			 Electric Utilities:	24	0.00
 Residential:	2,523	0.05			
 Commercial:	2,825	0.09	Total:	7,325	0.04

**Table 93. Summary Statistics for Natural Gas — Vermont, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	17,248	16,424	18,091	18,429	18,736
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	0	0	0	0	0
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	3	4	9	4	5
Balancing Item .....	3	-103	-12	-1,823	-3,470
Total Supply.....	17,254	16,325	18,088	16,610	15,270

See footnotes at end of table.

Table 93. Summary Statistics for Natural Gas — Vermont, 1992-1996 (Continued)

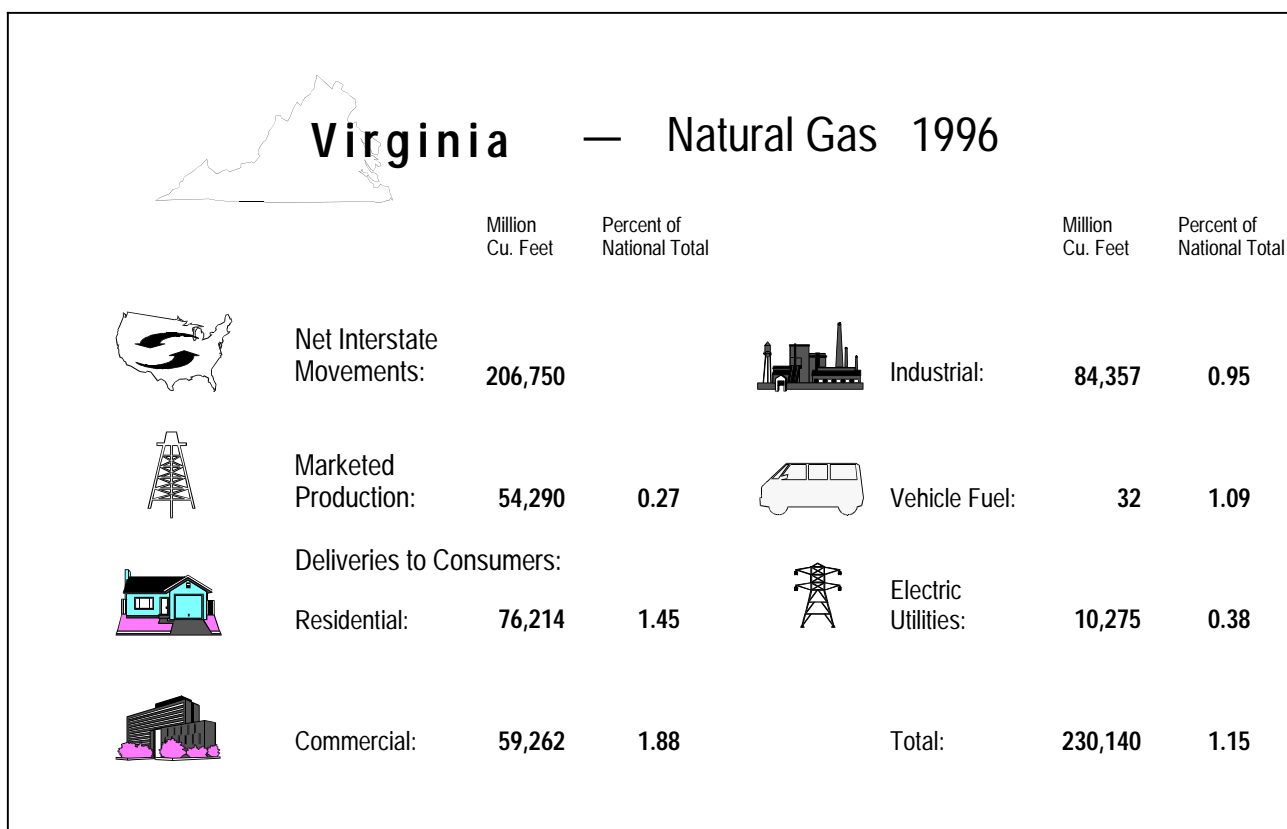
	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	7,601	7,228	7,299	7,275	7,333
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	9,653	9,097	10,789	9,335	7,937
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	0	0	0	0	0
Total Disposition.....	17,254	16,325	18,088	16,610	15,270
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	3	3	3	7	8
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	2,520	2,530	2,438	2,299	2,523
Commercial.....	2,319	2,382	2,669	2,672	2,825
Industrial.....	1,958	2,045	2,023	2,159	1,953
Vehicle Fuel.....	0	0	0	0	0
Electric Utilities.....	801	268	166	138	24
Total Delivered to Consumers.....	7,598	7,225	7,297	7,268	7,325
Total Consumption.....	7,601	7,228	7,299	7,275	7,333
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	0	0	0	0	0
Industrial.....	0	0	0	0	0
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	2,530	2,438	2,299	2,523
Commercial.....	NA	2,382	2,669	2,672	2,825
Industrial.....	NA	100	116	131	133
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	0	0	0	0
Industrial.....	NA	1,945	1,908	2,028	1,820
Electric Utilities.....	NA	268	165	138	24
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	20,468	21,553	22,546	23,523	24,383
Commercial.....	3,198	3,314	3,512	3,649	3,790
Industrial.....	18	20	24	23	27
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	123	117	108	98	103
Commercial.....	725	719	760	732	745
Industrial.....	108,751	102,255	84,307	93,854	72,327
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	2.86	2.14	2.14	2.53	2.97
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.96	2.89	2.89	1.05	1.09
City Gate.....	2.93	2.96	3.11	2.61	2.74
Delivered to Consumers					
Residential.....	6.70	6.19	6.94	6.82	6.40
Commercial.....	5.67	5.25	5.60	5.43	5.24
Industrial.....	3.28	3.57	3.47	3.39	3.44
Vehicle Fuel.....	—	—	—	—	—
Electric Utilities.....	2.00	2.01	2.31	1.95	3.22

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Table 94. Summary Statistics for Natural Gas — Virginia, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	904	1,322	1,833	1,836	1,930
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	1,153	1,426	1,470	1,671	1,671
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	24,733	37,840	50,259	49,818	54,290
From Oil Wells .....	0	0	0	0	0
Total.....	24,733	37,840	50,259	49,818	54,290
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	24,733	37,840	50,259	49,818	54,290
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	24,733	37,840	50,259	49,818	54,290
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	24,733	37,840	50,259	49,818	54,290
<b>Supply (million cubic feet)</b>					
Dry Production .....	24,733	37,840	50,259	49,818	54,290
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,119,418	1,035,590	1,025,827	1,055,691	1,074,350
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	168	274	236	1,276	1,614
Supplemental Gas Supplies .....	245	538	1,195	445	716
Balancing Item .....	-14,334	-4,287	38,265	-8,362	-22,638
Total Supply.....	1,130,230	1,069,956	1,115,782	1,098,868	1,108,332

See footnotes at end of table.

Table 94. Summary Statistics for Natural Gas — Virginia, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	200,039	217,893	230,562	247,198	239,100
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	930,018	851,890	885,104	850,457	867,600
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	173	173	116	1,214	1,631
Total Disposition.....	1,130,230	1,069,956	1,115,782	1,098,868	1,108,332
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	653	1,120	1,102	1,296	1,183
Pipeline Fuel.....	6,454	5,736	6,338	6,286	7,777
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	62,431	65,472	65,176	68,712	76,214
Commercial.....	50,757	52,880	52,944	56,948	59,262
Industrial.....	68,808	72,949	85,764	97,499	84,357
Vehicle Fuel.....	0	1	20	43	32
Electric Utilities.....	10,936	19,735	19,219	16,414	10,275
Total Delivered to Consumers.....	192,932	211,037	223,122	239,616	230,140
Total Consumption.....	200,039	217,893	230,562	247,198	239,100
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	4,719	5,902	7,039	9,062	8,712
Industrial.....	51,223	54,791	67,341	83,030	69,163
Electric Utilities.....	11,669	25,823	26,706	20,462	14,366
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	65,472	65,176	68,712	76,214
Commercial.....	NA	38,314	39,093	41,333	44,943
Industrial.....	NA	45,531	51,312	59,471	52,809
Electric Utilities.....	NA	18,774	17,932	13,613	8,632
Vehicle Fuel.....	NA	1	18	6	10
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	14,566	13,851	15,615	14,319
Industrial.....	NA	27,418	34,452	38,028	31,548
Electric Utilities.....	NA	7,075	8,865	6,849	5,770
Vehicle Fuel.....	NA	0	2	36	21
<b>Number of Consumers</b>					
Residential.....	664,500	690,061	721,495	753,003	789,985
Commercial.....	69,629	70,161	72,188	74,690	77,284
Industrial.....	1,101	2,706	2,740	2,812	2,822
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	94	95	90	91	96
Commercial.....	729	754	733	762	767
Industrial.....	62,496	26,958	31,301	34,672	29,893
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.85	2.29	2.15	1.72	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.93	2.27	2.14	1.83	2.60
City Gate.....	2.91	3.33	3.44	2.92	3.89
Delivered to Consumers					
Residential.....	6.69	7.51	7.63	7.18	7.94
Commercial.....	4.97	5.60	5.67	5.08	5.93
Industrial.....	3.72	3.88	3.15	3.35	4.07
Vehicle Fuel.....	—	5.62	2.57	2.30	2.80
Electric Utilities.....	2.47	2.89	2.66	2.67	2.98

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.



# Washington — Natural Gas 1996








	Million Cu. Feet	Percent of National Total		Million Cu. Feet	Percent of National Total
 Net Interstate Movements:	274,104		 Industrial:	114,236	1.29
 Marketed Production:	0	0.00	 Vehicle Fuel:	113	3.85
Deliveries to Consumers:			 Residential:	62,689	1.20
			 Electric Utilities:	6,590	0.24
 Commercial:	48,139	1.52	Total:	231,767	1.16

Table 95. Summary Statistics for Natural Gas — Washington, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	270,477	306,030	320,362	335,866	356,711
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	491,200	515,637	713,101	804,621	823,997
Withdrawals from Storage					
Underground Storage .....	18,960	17,661	17,133	15,452	22,192
LNG Storage.....	471	7,886	1,701	2,055	2,356
Supplemental Gas Supplies .....	180	4	0	0	0
Balancing Item .....	-55,862	-85,384	-52,630	-34,861	-36,154
Total Supply.....	725,426	761,833	999,668	1,123,134	1,169,102

See footnotes at end of table.

Table 95. Summary Statistics for Natural Gas — Washington, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	169,161	198,380	212,782	220,427	238,639
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	542,972	540,711	765,840	882,385	906,604
Additions to Storage					
Underground Storage.....	13,294	19,575	18,705	17,815	20,124
LNG Storage.....	0	3,167	2,340	1,902	2,284
Total Disposition.....	725,426	761,833	999,668	1,122,529	1,167,651
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	3,069	4,229	6,437	8,636	6,871
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	43,048	53,258	53,144	52,763	62,689
Commercial.....	37,800	43,620	42,982	42,568	48,139
Industrial.....	79,766	92,274	107,603	109,997	114,236
Vehicle Fuel.....	94	100	155	107	113
Electric Utilities.....	5,385	4,899	2,461	6,356	6,590
Total Delivered to Consumers.....	166,092	194,151	206,346	211,791	231,767
Total Consumption.....	169,161	198,380	212,782	220,427	238,639
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	0
Commercial.....	4,831	2,671	1,993	3,514	6,795
Industrial.....	49,911	54,177	62,877	73,798	86,332
Electric Utilities.....	3,597	1,195	2,328	2,084	6,589
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	53,258	53,144	52,763	62,689
Commercial.....	NA	33,533	34,631	33,710	38,230
Industrial.....	NA	47,153	48,545	47,261	94,879
Electric Utilities.....	NA	0	2,307	1,682	5,525
Vehicle Fuel.....	NA	77	60	17	13
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	10,087	8,352	8,858	9,909
Industrial.....	NA	45,121	59,059	62,735	19,357
Electric Utilities.....	NA	1,195	20	402	1,064
Vehicle Fuel.....	NA	23	95	90	100
<b>Number of Consumers</b>					
Residential.....	528,913	565,475	604,315	638,603	673,357
Commercial.....	63,391	65,810	68,118	70,781	73,708
Industrial.....	3,490	3,448	3,586	3,544	3,587
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	81	94	88	83	93
Commercial.....	596	663	631	601	653
Industrial.....	22,856	26,762	30,007	31,037	31,847
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	1.47	1.81	1.81	1.23	1.43
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.89	1.37	1.84	1.78	1.77
City Gate.....	1.90	2.39	2.54	2.18	2.44
Delivered to Consumers					
Residential.....	5.00	5.23	5.70	5.89	5.65
Commercial.....	4.32	4.53	4.90	5.00	4.81
Industrial.....	2.91	3.22	2.95	2.74	2.67
Vehicle Fuel.....	4.20	4.42	4.29	5.63	2.62
Electric Utilities.....	3.31	3.89	4.95	4.60	4.98

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

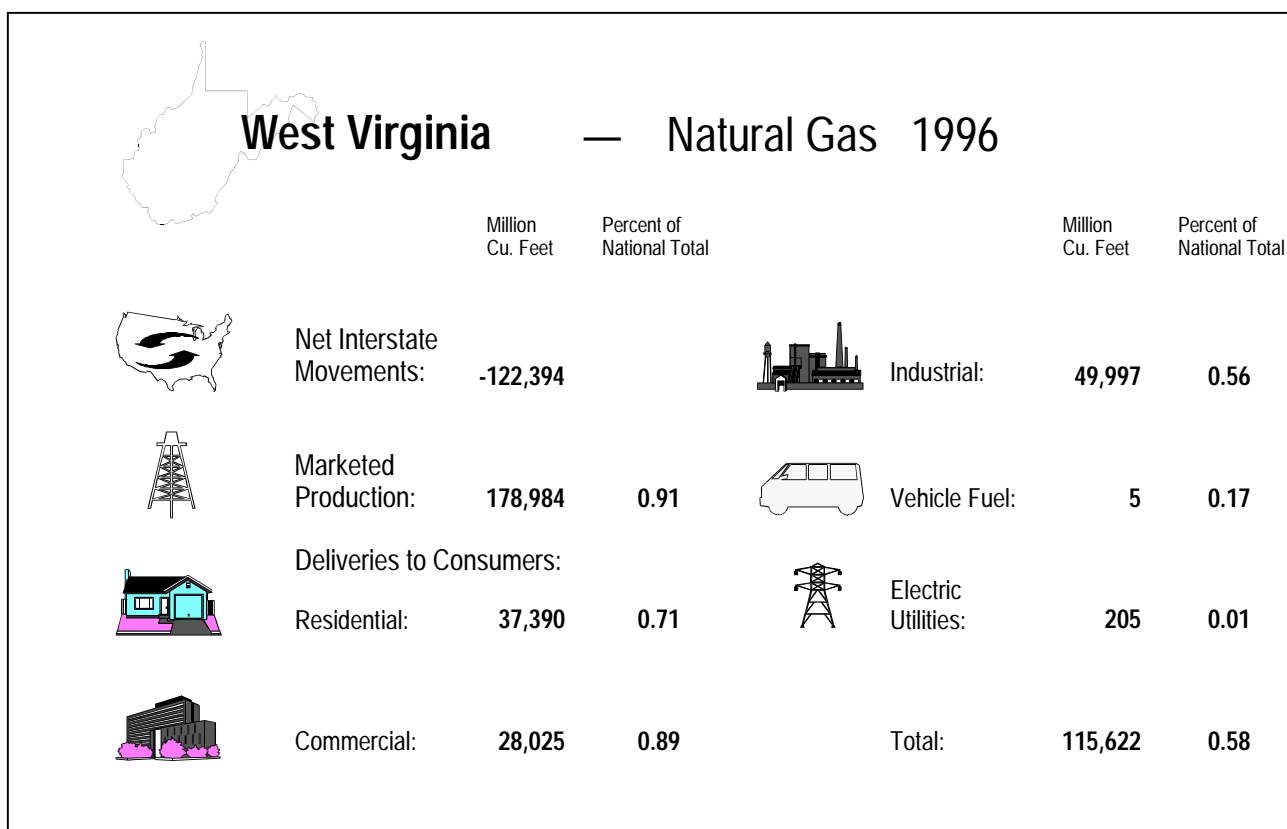


Table 96. Summary Statistics for Natural Gas — West Virginia, 1992-1996

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	2,356	2,439	2,565	2,499	2,703
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	38,250	33,716	39,830	36,144	35,148
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	E182,000	171,024	183,773	186,231	178,984
From Oil Wells .....	0	0	0	0	0
Total.....	E182,000	171,024	183,773	186,231	178,984
Repressuring .....	NA	NA	NA	NA	NA
Nonhydrocarbon Gases Removed .....	NA	NA	NA	NA	NA
Wet After Lease Separation.....	E182,000	171,024	183,773	186,231	178,984
Vented and Flared .....	NA	NA	NA	NA	NA
Marketed Production.....	E182,000	171,024	183,773	186,231	178,984
Extraction Loss .....	9,436	10,830	10,901	7,396	7,093
Total Dry Production.....	172,564	160,194	172,872	178,835	171,891
<b>Supply (million cubic feet)</b>					
Dry Production .....	172,564	160,194	172,872	178,835	171,891
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,466,319	1,517,304	1,620,921	1,724,557	1,776,833
Withdrawals from Storage					
Underground Storage .....	146,827	151,836	156,284	187,088	164,768
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	25,017	122,550	92,551	-18,543	141,363
Total Supply.....	1,810,728	1,951,884	2,042,629	2,071,936	2,254,856

See footnotes at end of table.

Table 96. Summary Statistics for Natural Gas — West Virginia, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	128,861	135,164	145,428	148,364	155,017
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	1,543,220	1,656,271	1,725,985	1,777,613	1,899,227
Additions to Storage					
Underground Storage.....	138,647	160,450	171,216	145,958	200,612
LNG Storage.....	0	0	0	0	0
Total Disposition.....	1,810,728	1,951,884	2,042,629	2,071,936	2,254,856
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	4,807	3,749	4,815	4,846	4,667
Pipeline Fuel.....	16,675	21,216	30,144	26,411	32,467
Plant Fuel.....	3,290	3,316	3,272	3,199	2,262
Delivered to Consumers					
Residential.....	35,291	35,208	35,201	35,379	37,390
Commercial.....	24,419	24,381	24,979	25,872	28,025
Industrial.....	44,178	47,162	46,774	52,239	49,997
Vehicle Fuel.....	*	*	*	7	5
Electric Utilities.....	201	133	243	410	205
Total Delivered to Consumers.....	104,089	106,883	107,197	113,908	115,622
Total Consumption.....	128,861	135,164	145,428	148,364	155,017
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	7	14	15	28	23
Commercial.....	10,536	11,134	11,194	12,536	12,263
Industrial.....	37,034	40,863	40,684	44,726	42,843
Electric Utilities.....	204	279	244	208	157
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	35,208	35,186	35,351	37,367
Commercial.....	NA	6,908	6,982	7,454	8,741
Industrial.....	NA	20,276	20,521	19,333	18,540
Electric Utilities.....	NA	279	244	208	157
Vehicle Fuel.....	NA	*	*	7	5
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	15	28	23
Commercial.....	NA	17,472	17,997	18,418	19,284
Industrial.....	NA	26,886	26,253	32,906	31,457
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	0	0
<b>Number of Consumers</b>					
Residential.....	352,463	352,997	352,929	353,629	358,049
Commercial.....	33,289	33,611	33,756	36,144	33,837
Industrial.....	159	197	191	192	182
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	100	100	100	100	104
Commercial.....	734	725	740	716	828
Industrial.....	277,850	239,399	244,891	272,080	274,709
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	3.01	3.50	2.62	2.22	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.93	3.57	3.54	1.87	3.19
City Gate.....	3.23	3.39	3.26	2.85	3.36
Delivered to Consumers					
Residential.....	6.31	6.45	6.66	7.05	7.02
Commercial.....	5.48	5.87	5.91	6.09	6.03
Industrial.....	2.89	2.74	2.93	2.60	2.76
Vehicle Fuel.....	2.90	2.90	3.82	2.08	2.20
Electric Utilities.....	3.53	4.35	4.00	3.58	2.99

E = Estimated data.

NA = Not available.

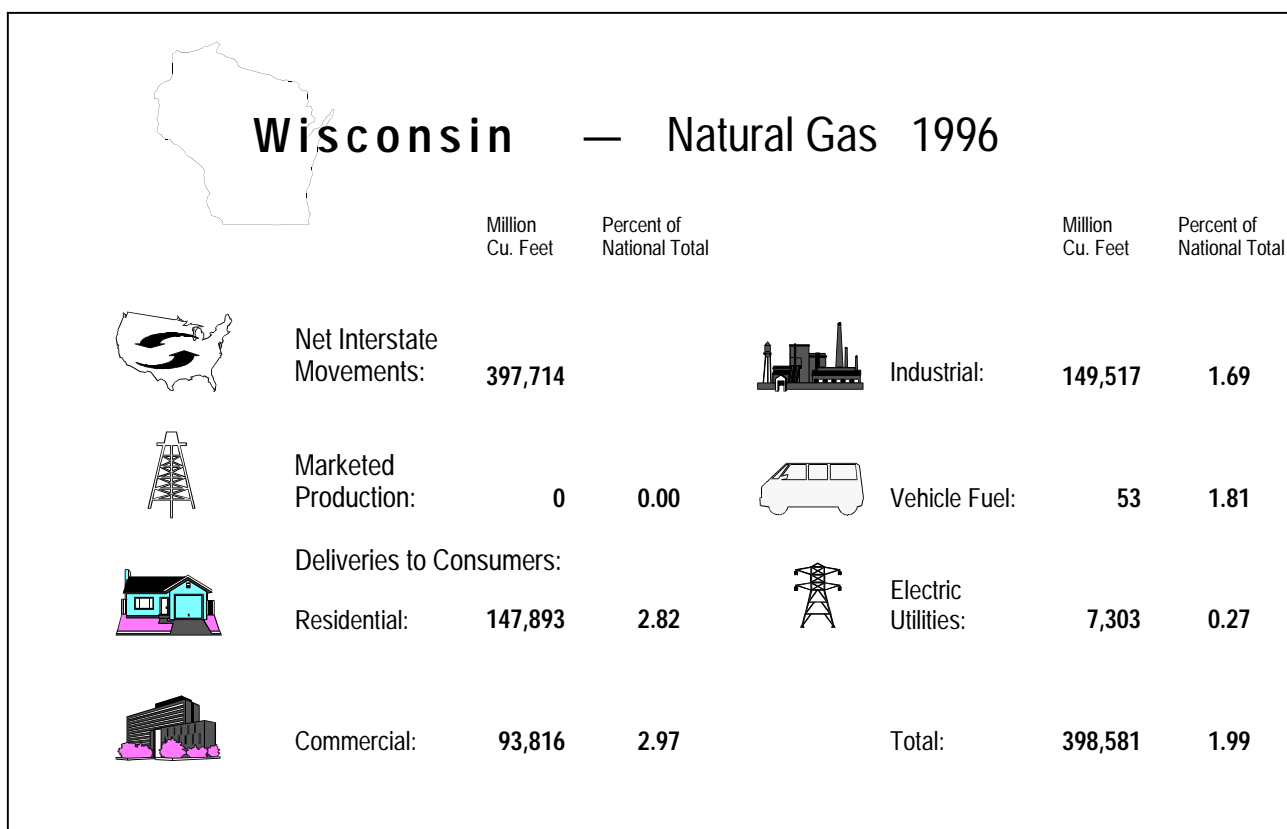
— = Not applicable.

\* = Volume is less than 500,000 cubic feet.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.





**Table 97. Summary Statistics for Natural Gas — Wisconsin, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	0	0	0	0	0
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	0	0	0	0	0
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	0	0	0	0	0
From Oil Wells .....	0	0	0	0	0
Total.....	0	0	0	0	0
Repressuring .....	0	0	0	0	0
Nonhydrocarbon Gases Removed .....	0	0	0	0	0
Wet After Lease Separation.....	0	0	0	0	0
Vented and Flared .....	0	0	0	0	0
Marketed Production.....	0	0	0	0	0
Extraction Loss .....	0	0	0	0	0
Total Dry Production.....	0	0	0	0	0
<b>Supply (million cubic feet)</b>					
Dry Production .....	0	0	0	0	0
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	1,057,942	1,101,129	1,179,011	1,195,087	1,194,236
Withdrawals from Storage					
Underground Storage .....	0	0	0	0	0
LNG Storage.....	117	110	316	120	329
Supplemental Gas Supplies .....	1	3	5	2	21
Balancing Item .....	-20,151	-64,879	-124,878	-2,924	4,981
Total Supply.....	1,037,909	1,036,363	1,054,454	1,192,286	1,199,567

See footnotes at end of table.

Table 97. Summary Statistics for Natural Gas — Wisconsin, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	331,581	348,014	355,602	380,489	402,777
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	706,270	688,237	698,586	811,591	796,522
Additions to Storage					
Underground Storage.....	0	0	0	0	0
LNG Storage.....	57	112	266	206	269
Total Disposition.....	1,037,909	1,036,363	1,054,454	1,192,286	1,199,567
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	0	0	0	0	0
Pipeline Fuel.....	3,983	3,630	9,854	4,198	4,196
Plant Fuel.....	0	0	0	0	0
Delivered to Consumers					
Residential.....	123,405	130,134	128,175	136,012	147,893
Commercial.....	71,314	77,079	78,609	84,888	93,816
Industrial.....	130,267	134,073	135,106	146,070	149,517
Vehicle Fuel.....	28	29	36	32	53
Electric Utilities.....	2,584	3,070	3,821	9,289	7,303
Total Delivered to Consumers.....	327,599	344,385	345,748	376,291	398,581
Total Consumption.....	331,581	348,014	355,602	380,489	402,777
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	25
Commercial.....	6,229	4,312	5,133	6,760	7,848
Industrial.....	76,161	72,890	69,191	78,008	95,077
Electric Utilities.....	1,899	648	457	2,188	2,404
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	130,134	128,175	136,012	147,893
Commercial.....	NA	69,316	70,222	75,867	85,363
Industrial.....	NA	47,369	28,563	25,760	27,098
Electric Utilities.....	NA	1,359	3,416	2,561	1,957
Vehicle Fuel.....	NA	6	10	7	30
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	7,763	8,386	9,021	8,453
Industrial.....	NA	86,705	106,544	120,310	122,419
Electric Utilities.....	NA	2,220	1,885	7,396	5,299
Vehicle Fuel.....	NA	23	26	25	23
<b>Number of Consumers</b>					
Residential.....	1,182,834	1,220,500	1,253,333	1,291,424	1,324,570
Commercial.....	112,761	115,961	119,788	125,539	129,146
Industrial.....	7,396	7,979	7,342	6,454	5,861
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	104	107	102	105	112
Commercial.....	632	665	656	676	726
Industrial.....	17,613	16,803	18,402	22,632	25,511
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	—	—	—	—	—
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	1.26	0.96	1.36	0.36	1.20
City Gate.....	3.36	3.70	3.42	2.83	3.43
Delivered to Consumers					
Residential.....	5.87	6.34	6.28	5.82	6.04
Commercial.....	4.81	5.16	4.91	4.50	4.83
Industrial.....	3.38	3.52	3.36	2.96	3.48
Vehicle Fuel.....	3.69	3.80	3.41	2.96	2.40
Electric Utilities.....	2.42	2.66	2.66	2.23	3.04

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

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# Wyoming — Natural Gas 1996



Million  
Cu. Feet

Percent of  
National Total

Million  
Cu. Feet

Percent of  
National Total



Net Interstate  
Movements: **-775,410**



Industrial: **50,253 0.57**



Marketed  
Production: **666,036 3.37**



Vehicle Fuel: **14 0.48**



Deliveries to Consumers:  
Residential: **13,534 0.26**



Electric  
Utilities: **87 0.00**



Commercial: **9,721 0.31**

Total: **73,609 0.37**

**Table 98. Summary Statistics for Natural Gas — Wyoming, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic feet)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	10,826	10,933	10,879	12,166	12,320
<b>Number of Gas and Gas Condensate Wells</b>					
Producing at End of Year.....	3,111	3,615	3,942	4,196	4,510
<b>Production (million cubic feet)</b>					
Gross Withdrawals					
From Gas Wells.....	751,693	880,596	949,343	988,671	981,115
From Oil Wells .....	285,125	142,006	121,519	111,442	109,434
Total.....	1,036,817	1,022,602	1,070,862	1,100,113	1,090,549
Repressuring .....	81,712	110,044	110,064	131,893	134,867
Nonhydrocarbon Gases Removed .....	22,793	151,239	138,056	145,724	144,194
Wet After Lease Separation.....	932,312	761,319	822,741	822,496	811,488
Vented and Flared .....	89,736	126,362	126,722	148,721	145,452
Marketed Production.....	842,576	634,957	696,018	673,775	666,036
Extraction Loss .....	31,378	29,118	33,486	36,058	48,254
Total Dry Production.....	811,198	605,839	662,532	637,717	617,782
<b>Supply (million cubic feet)</b>					
Dry Production .....	811,198	605,839	662,532	637,717	617,782
Receipts at State Borders					
Imports.....	0	0	0	0	0
Intransit Receipts .....	0	0	0	0	0
Interstate Receipts.....	193,125	182,933	280,941	384,208	294,140
Withdrawals from Storage					
Underground Storage .....	13,876	14,826	8,012	11,000	15,478
LNG Storage.....	0	0	0	0	0
Supplemental Gas Supplies .....	0	0	0	0	0
Balancing Item .....	-110,627	147,925	121,842	99,322	253,985
Total Supply.....	907,573	951,523	1,073,328	1,132,247	1,181,385

See footnotes at end of table.

Table 98. Summary Statistics for Natural Gas — Wyoming, 1992-1996 (Continued)

	1992	1993	1994	1995	1996
<b>Disposition (million cubic feet)</b>					
Consumption.....	123,547	104,649	106,316	97,706	101,413
Deliveries at State Borders					
Exports.....	0	0	0	0	0
Intransit Deliveries.....	0	0	0	0	0
Interstate Deliveries.....	778,686	833,269	956,416	1,025,093	1,069,550
Additions to Storage					
Underground Storage.....	5,340	13,605	10,596	9,448	10,422
LNG Storage.....	0	0	0	0	0
Total Disposition.....	907,573	951,523	1,073,328	1,132,247	1,181,385
<b>Consumption (million cubic feet)</b>					
Lease Fuel.....	27,382	<sup>a</sup> 7,592	<sup>a</sup> 4,676	4,570	4,252
Pipeline Fuel.....	7,904	6,764	6,193	7,254	8,144
Plant Fuel.....	13,217	13,051	13,939	14,896	15,409
Delivered to Consumers					
Residential.....	10,895	12,661	11,564	12,152	13,534
Commercial.....	8,009	10,268	9,231	9,833	9,721
Industrial.....	56,046	54,214	60,566	48,856	50,253
Vehicle Fuel.....	10	12	18	16	14
Electric Utilities.....	83	87	129	128	87
Total Delivered to Consumers.....	75,044	77,242	81,507	70,986	73,609
Total Consumption.....	123,547	104,649	106,316	97,706	101,413
<b>Delivered for the Account of Others (million cubic feet)</b>					
Residential.....	0	0	0	0	846
Commercial.....	160	207	358	632	1,370
Industrial.....	54,053	52,935	59,219	47,467	48,798
Electric Utilities.....	0	0	0	0	0
<b>Firm Deliveries (million cubic feet)</b>					
Residential.....	NA	12,661	11,564	12,152	13,534
Commercial.....	NA	5,672	5,025	9,044	8,943
Industrial.....	NA	10,934	10,670	13,329	18,063
Electric Utilities.....	NA	88	79	104	61
Vehicle Fuel.....	NA	12	18	15	14
<b>Interruptible Deliveries (million cubic feet)</b>					
Residential.....	NA	NA	0	0	0
Commercial.....	NA	4,595	4,205	790	778
Industrial.....	NA	43,281	49,896	35,527	32,190
Electric Utilities.....	NA	0	0	0	0
Vehicle Fuel.....	NA	0	0	1	0
<b>Number of Consumers</b>					
Residential.....	114,793	116,027	117,385	119,544	131,910
Commercial.....	15,064	15,315	15,348	15,580	17,036
Industrial.....	244	194	135	126	170
<b>Average Annual Consumption per Consumer (thousand cubic feet)</b>					
Residential.....	95	109	99	102	103
Commercial.....	532	670	601	631	571
Industrial.....	229,698	279,455	448,635	387,748	295,606
<b>Average Prices for Natural Gas (dollars per thousand cubic feet)</b>					
Wellhead (Marketed Production).....	1.13	1.99	2.05	1.78	2.57
Imports.....	—	—	—	—	—
Exports.....	—	—	—	—	—
Pipeline Fuel.....	2.48	1.92	1.52	1.31	1.54
City Gate.....	2.90	2.80	2.91	2.72	2.36
Delivered to Consumers					
Residential.....	4.72	4.77	5.10	4.83	4.26
Commercial.....	4.26	4.23	4.45	4.23	3.67
Industrial.....	2.91	3.62	3.51	3.18	3.14
Vehicle Fuel.....	5.74	5.66	4.62	5.34	5.24
Electric Utilities.....	3.33	3.44	5.80	8.32	12.59

<sup>a</sup> The state of Wyoming previously estimated lease fuel use. Starting in 1993, the data for lease fuel are actual reported data.

NA = Not available.

— = Not applicable.

Notes: Deliveries to electric utilities (consumption) are reported on the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." See the discussion on electric utility data and Table A1 in Appendix A for a comparison of reporting to these two forms. Totals may not add due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports, DOE/EIA-0216; and the U.S. Minerals Management Service.

## Historical Data

**Table 99. Quantity and Average Price of Natural Gas Production in the United States, 1930-1996**  
(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

Year	Gross Withdrawals	Used for Repressuring	Nonhydro-carbon Gases Removed	Vented and Flared	Marketed Production	Extraction Loss	Dry Production	Average Wellhead Price of Marketed Production
1930 .....	NA	NA	NA	NA	1,978,911	75,140	1,903,771	0.08
1931 .....	NA	NA	NA	NA	1,721,902	62,288	1,659,614	0.07
1932 .....	NA	NA	NA	NA	1,593,798	51,816	1,541,982	0.06
1933 .....	NA	NA	NA	NA	1,596,673	48,280	1,548,393	0.06
1934 .....	NA	NA	NA	NA	1,815,796	52,190	1,763,606	0.06
1935 .....	NA	NA	NA	NA	1,968,963	55,488	1,913,475	0.06
1936 .....	2,691,512	73,507	NA	392,528	2,225,477	61,064	2,164,413	0.06
1937 .....	3,084,567	84,925	NA	526,159	2,473,483	70,210	2,403,273	0.05
1938 .....	3,108,858	101,551	NA	649,106	2,358,201	73,338	2,284,863	0.05
1939 .....	3,387,095	171,401	NA	677,311	2,538,383	73,746	2,464,637	0.05
1940 .....	3,752,702	362,916	NA	655,967	2,733,819	79,526	2,654,293	0.05
1941 .....	4,168,116	644,379	NA	630,212	2,893,525	115,464	2,778,061	0.05
1942 .....	4,525,095	752,619	NA	626,782	3,145,694	119,000	3,026,694	0.05
1943 .....	5,024,449	824,803	NA	684,115	3,515,531	121,788	3,393,743	0.05
1944 .....	5,708,288	882,979	NA	1,010,285	3,815,024	142,868	3,672,156	0.05
1945 .....	6,000,161	1,061,951	NA	896,208	4,042,002	159,936	3,882,066	0.05
1946 .....	6,293,037	1,038,242	NA	1,102,033	4,152,762	165,274	3,987,488	0.05
1947 .....	6,733,230	1,083,119	NA	1,067,938	4,582,173	188,734	4,393,439	0.06
1948 .....	7,178,777	1,220,579	NA	810,178	5,148,020	209,508	4,938,512	0.06
1949 .....	7,546,825	1,273,205	NA	853,884	5,419,736	224,332	5,195,404	0.06
1950 .....	8,479,650	1,396,546	NA	801,044	6,282,060	259,862	6,022,198	0.07
1951 .....	9,689,372	1,438,827	NA	793,186	7,457,359	292,400	7,164,959	0.07
1952 .....	10,272,566	1,410,501	NA	848,608	8,013,457	319,158	7,694,299	0.08
1953 .....	10,645,798	1,438,606	NA	810,276	8,396,916	340,068	8,056,848	0.09
1954 .....	10,984,850	1,518,737	NA	723,567	8,742,546	354,348	8,388,198	0.10
1955 .....	11,719,794	1,540,804	NA	773,639	9,405,351	376,686	9,028,665	0.10
1956 .....	12,372,905	1,426,648	NA	864,334	10,081,923	418,013	9,663,910	0.11
1957 .....	12,906,669	1,417,263	NA	809,148	10,680,258	433,636	10,246,622	0.11
1958 .....	13,146,635	1,482,975	NA	633,412	11,030,248	458,040	10,572,208	0.12
1959 .....	14,229,272	1,612,109	NA	571,048	12,046,115	498,457	11,547,658	0.13
1960 .....	15,087,911	1,753,996	NA	562,877	12,771,038	542,890	12,228,148	0.14
1961 .....	15,460,312	1,682,754	NA	523,533	13,254,025	592,446	12,661,579	0.15
1962 .....	16,038,973	1,736,722	NA	425,629	13,876,622	623,616	13,253,006	0.16
1963 .....	16,973,368	1,843,297	NA	383,408	14,746,663	670,251	14,076,412	0.16
1964 .....	17,535,553	1,647,108	NA	341,853	15,546,592	722,565	14,824,027	0.15
1965 .....	17,963,100	1,604,204	NA	319,143	16,039,753	753,473	15,286,280	0.16
1966 .....	19,033,839	1,451,516	NA	375,695	17,206,628	739,308	16,467,320	0.16
1967 .....	20,251,776	1,590,574	NA	489,877	18,171,325	784,534	17,386,791	0.16
1968 .....	21,325,000	1,486,092	NA	516,508	19,322,400	827,877	18,494,523	0.16
1969 .....	22,679,195	1,455,205	NA	525,750	20,698,240	866,560	19,831,680	0.17

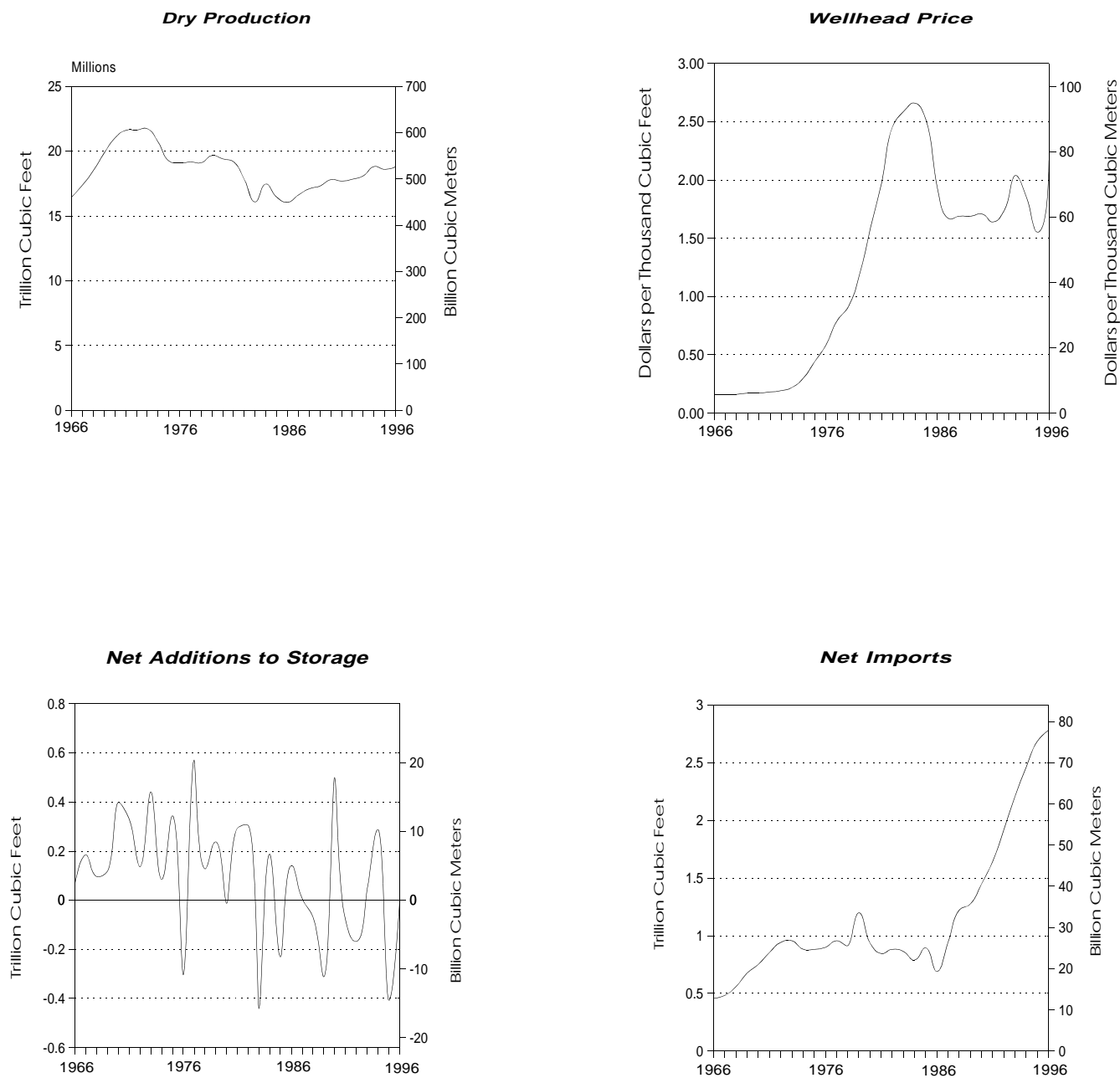
See footnotes at end of table.

**Table 99. Quantity and Average Price of Natural Gas Production in the United States, 1930-1996  
(Continued)**

Year	Gross Withdrawals	Used for Repressuring	Nonhydro-carbon Gases Removed	Vented and Flared	Marketed Production	Extraction Loss	Dry Production	Average Wellhead Price of Marketed Production
1970 .....	23,786,453	1,376,351	NA	489,460	21,920,642	906,413	21,014,229	0.17
1971 .....	24,088,031	1,310,458	NA	284,561	22,493,012	883,127	21,609,885	0.18
1972 .....	24,016,109	1,236,292	NA	248,119	22,531,698	907,993	21,623,705	0.19
1973 .....	24,067,202	1,171,361	NA	248,292	22,647,549	916,551	21,730,998	0.22
1974 .....	22,849,793	1,079,890	NA	169,381	21,600,522	887,490	20,713,032	0.30
1975 .....	21,103,530	860,956	NA	133,913	20,108,661	872,282	19,236,379	0.44
1976 .....	20,943,778	859,410	NA	131,930	19,952,438	854,086	19,098,352	0.58
1977 .....	21,097,071	934,801	NA	136,807	20,025,463	862,563	19,162,900	0.79
1978 .....	21,308,815	1,181,432	NA	153,350	19,974,033	852,130	19,121,903	0.91
1979 .....	21,883,353	1,245,074	NA	167,019	20,471,260	807,845	19,663,415	1.18
1980 .....	21,869,692	1,365,454	199,063	125,451	20,179,724	776,605	19,403,119	1.59
1981 .....	21,587,453	1,311,735	221,878	98,017	19,955,823	774,562	19,181,261	1.98
1982 .....	20,272,254	1,388,392	208,492	93,365	18,582,005	761,942	17,820,063	2.46
1983 .....	18,659,046	1,458,054	221,937	94,962	16,884,093	789,632	16,094,461	2.59
1984 .....	20,266,522	1,630,152	224,118	107,913	18,304,339	837,867	17,466,472	2.66
1985 .....	19,606,699	1,915,197	326,497	94,778	17,270,227	816,370	16,453,857	2.51
1986 .....	19,130,711	1,837,552	336,851	97,633	16,858,675	799,645	16,059,030	1.94
1987 .....	20,140,200	2,207,559	376,033	123,707	17,432,901	812,320	16,620,581	1.67
1988 .....	20,999,255	2,478,382	459,883	142,525	17,918,465	815,844	17,102,621	1.69
1989 .....	21,074,425	2,475,179	362,457	141,642	18,095,147	784,502	17,310,645	1.69
1990 .....	21,522,622	2,489,040	289,374	150,415	18,593,792	784,118	17,809,674	1.71
1991 .....	21,750,108	2,771,928	275,831	169,909	18,532,439	834,637	17,697,802	1.64
1992 .....	22,132,249	2,972,552	280,370	167,519	18,711,808	871,905	17,839,903	1.74
1993 .....	22,725,642	3,103,014	413,971	226,743	18,981,915	886,455	18,095,460	2.04
1994 .....	23,580,706	3,230,667	412,178	228,336	19,709,525	888,500	18,821,025	1.85
1995 .....	23,743,628	3,565,023	388,392	283,739	19,506,474	907,795	18,598,679	1.55
1996 .....	24,051,665	3,510,330	518,425	272,117	19,750,793	958,178	18,792,615	2.17

NA = Not available.  
Notes: Beginning with 1965 data, all volumes are shown on a pressure base of 14.73 psia at 60 degrees Fahrenheit. For prior years, the pressure base is 14.65 psia at 60 degrees Fahrenheit.  
Sources: 1930-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption, 1979*. 1980-1995: EIA, Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; and Form EIA-816, "Monthly Natural Gas Liquids Report." 1996: EIA, Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; Form EIA-176, Form EIA-64A, and Form EIA-816.

**Figure 22. Natural Gas Supply and Disposition in the United States, 1966-1996**



Sources: 1960-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption*, 1979. 1980-1994: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Forms EIA-191/FERC-8, "Underground Gas Storage Report"; Form-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; and Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas"; 1995: EIA, Form EIA-176, Forms EIA-191/FERC-8, Form EIA-64A, Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; and Office of Fossil Fuels, U.S. Department of Energy, Natural Gas Imports and Exports; 1996: EIA, Form EIA-176, Forms EIA-191/FERC-8, Form EIA-64A, Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; and Office of Fossil Fuels.



**Table 100. Supply and Disposition of Natural Gas in the United States, 1930-1996**  
(Million Cubic Feet)

Year	Supply					Disposition			
	Dry Production	Withdrawals from Storage	Imports	Balancing Item	Total	Additions to Storage	Exports	Consumption	Total
1930.....	1,903,771	NA	21	-35,490	1,868,302	NA	1,798	1,866,504	1,868,302
1931.....	1,659,614	NA	44	-35,466	1,624,192	NA	2,231	1,621,961	1,624,192
1932.....	1,541,982	NA	38	-37,808	1,504,212	NA	1,693	1,502,519	1,504,212
1933.....	1,548,393	NA	83	-41,199	1,507,277	NA	2,158	1,505,119	1,507,277
1934.....	1,763,606	NA	68	-45,075	1,718,599	NA	5,801	1,712,798	1,718,599
1935.....	1,913,475	NA	106	-41,074	1,872,507	11,294	6,800	1,854,413	1,872,507
1936.....	2,164,413	NA	152	-46,677	2,117,888	10,998	7,436	2,099,454	2,117,888
1937.....	2,403,273	NA	289	-52,157	2,351,405	13,706	4,868	2,332,831	2,351,405
1938.....	2,284,863	NA	372	-47,658	2,237,577	14,981	1,837	2,220,759	2,237,577
1939.....	2,464,637	NA	131	-53,595	2,411,173	8,032	3,122	2,400,019	2,411,173
1940.....	2,654,293	NA	0	-58,602	2,595,691	14,995	5,563	2,575,133	2,595,691
1941.....	2,778,061	NA	0	-64,616	2,713,445	16,251	7,466	2,689,728	2,713,445
1942.....	3,026,694	NA	0	-71,195	2,955,499	21,024	8,702	2,925,773	2,955,499
1943.....	3,393,743	NA	0	-81,889	3,311,854	18,953	11,210	3,281,691	3,311,854
1944.....	3,672,156	33,585	0	-94,068	3,611,673	43,502	14,576	3,553,595	3,611,673
1945.....	3,882,066	36,167	0	-97,981	3,820,252	61,502	18,207	3,740,543	3,820,252
1946.....	3,987,488	56,138	0	-102,837	3,940,789	75,458	17,675	3,847,656	3,940,789
1947.....	4,393,439	86,643	0	-127,807	4,352,275	96,316	18,149	4,237,810	4,352,275
1948.....	4,938,512	79,035	0	-126,796	4,890,751	136,406	18,704	4,735,641	4,890,751
1949.....	5,195,404	106,368	0	-138,515	5,163,257	172,051	20,054	4,971,152	5,163,257
1950.....	6,022,198	175,260	0	-175,437	6,022,021	229,752	25,727	5,766,542	6,022,021
1951.....	7,164,959	209,428	0	-192,372	7,182,015	347,690	24,163	6,810,162	7,182,015
1952.....	7,694,299	221,909	7,807	-203,646	7,720,369	398,593	27,456	7,294,320	7,720,369
1953.....	8,056,848	246,802	9,225	-240,445	8,072,430	404,838	28,322	7,639,270	8,072,430
1954.....	8,388,198	330,177	6,847	-215,709	8,509,513	432,283	28,726	8,048,504	8,509,513
1955.....	9,028,665	437,251	10,888	-246,933	9,229,871	505,185	31,029	8,693,657	9,229,871
1956.....	9,663,910	452,762	10,380	-212,992	9,914,060	589,232	35,963	9,288,865	9,914,060
1957.....	10,246,622	480,981	37,941	-205,373	10,560,171	672,377	41,655	9,846,139	10,560,171
1958.....	10,572,208	621,091	135,797	-283,597	11,045,499	704,172	38,719	10,302,608	11,045,499
1959.....	11,547,658	668,743	133,990	-223,312	12,127,079	787,485	18,413	11,321,181	12,127,079
1960.....	12,228,148	712,658	155,646	-274,231	12,822,221	844,352	11,332	11,966,537	12,822,221
1961.....	12,661,579	698,050	218,860	-234,808	13,343,681	843,666	10,747	12,489,268	13,343,681
1962.....	13,253,006	854,336	401,534	-285,726	14,223,150	940,823	15,814	13,266,513	14,223,150
1963.....	14,076,412	916,720	406,204	-364,658	15,034,678	1,047,492	16,957	13,970,229	15,034,678
1964.....	14,824,027	885,307	443,326	-304,435	15,848,225	1,014,814	19,603	14,813,808	15,848,225
1965.....	15,286,280	959,865	456,394	-318,711	16,383,828	1,077,980	26,132	15,279,716	16,383,828
1966.....	16,467,320	1,141,614	479,780	-401,203	17,687,511	1,210,469	24,639	16,452,403	17,687,511
1967.....	17,386,791	1,132,534	564,226	-296,214	18,787,337	1,317,363	81,614	17,388,360	18,787,337
1968.....	18,494,523	1,329,536	651,885	-325,062	20,150,882	1,425,075	93,745	18,632,062	20,150,882
1969.....	19,831,680	1,379,488	726,951	-334,168	21,603,951	1,498,988	51,304	20,056,240	21,606,532

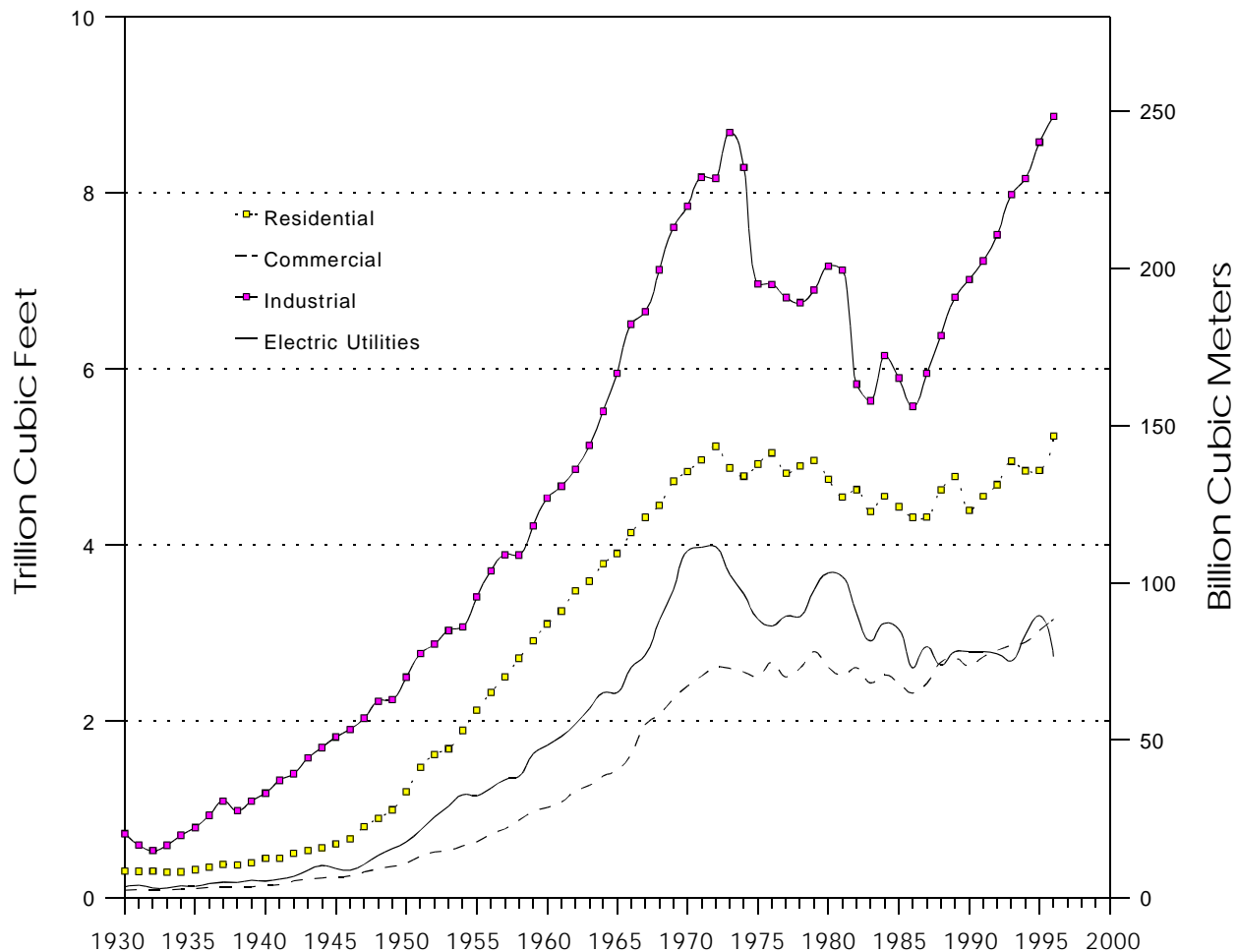
See footnotes at end of table.

**Table 100. Supply and Disposition of Natural Gas in the United States, 1930-1996 (Continued)**  
(Million Cubic Feet)

Year	Supply					Disposition			
	Dry Production	Withdrawals from Storage	Imports	Balancing Item	Total	Additions to Storage	Exports	Consumption	Total
1970 .....	21,014,229	1,458,607	820,780	-227,650	23,065,966	1,856,767	69,813	21,139,386	23,065,966
1971 .....	21,609,885	1,507,630	934,548	-338,999	23,713,064	1,839,398	80,212	21,793,454	23,713,064
1972 .....	21,623,705	1,757,218	1,019,496	-328,002	24,072,417	1,892,952	78,013	22,101,452	24,072,417
1973 .....	21,730,998	1,532,820	1,032,901	-195,863	24,100,856	1,974,324	77,169	22,049,363	24,100,856
1974 .....	20,713,032	1,700,546	959,284	-288,731	23,084,131	1,784,209	76,789	21,223,133	23,084,131
1975 .....	19,236,379	1,759,565	953,008	-235,065	21,713,887	2,103,619	72,675	19,537,593	21,713,887
1976 .....	19,098,352	2,059,898	963,768	-216,240	21,905,778	1,755,690	64,711	19,946,496	21,766,897
1977 .....	19,162,900	1,735,868	1,011,002	-41,063	21,868,707	2,306,515	55,626	19,520,581	21,882,722
1978 .....	19,121,903	2,150,928	965,545	-287,201	21,951,175	2,278,002	52,532	19,627,478	21,958,012
1979 .....	19,663,415	2,057,020	1,253,383	-372,330	22,601,488	2,295,034	55,673	20,240,761	22,591,468
1980 .....	19,557,709	1,972,333	984,767	-639,721	21,875,088	1,949,064	48,731	19,877,293	21,875,088
1981 .....	19,356,963	1,930,092	903,949	-500,444	21,690,560	2,227,522	59,372	19,403,858	21,690,752
1982 .....	17,964,874	2,164,184	933,336	-537,061	20,525,333	2,472,383	51,728	18,001,055	20,525,166
1983 .....	16,226,355	2,269,654	918,407	-703,342	18,711,074	1,822,354	54,639	16,834,914	18,711,907
1984 .....	17,576,449	2,098,303	843,060	-217,308	20,300,504	2,295,138	54,753	17,950,524	20,300,415
1985 .....	16,580,220	2,397,359	949,715	-428,120	19,499,174	2,162,603	55,268	17,280,943	19,498,814
1986 .....	16,172,219	1,836,693	750,449	-494,491	18,264,870	1,983,603	61,271	16,221,296	18,266,170
1987 .....	16,721,963	1,905,419	992,532	-443,231	19,176,683	1,911,489	54,020	17,210,809	19,176,318
1988 .....	17,203,755	2,270,011	1,293,812	-452,492	20,315,086	2,211,277	73,638	18,029,588	20,314,503
1989 .....	17,417,390	2,854,061	1,381,520	-217,526	21,435,445	2,527,750	106,871	18,800,826	21,435,447
1990 .....	17,932,480	1,986,330	1,532,259	-151,863	21,299,206	2,499,264	85,565	18,715,090	21,299,919
1991 .....	17,810,408	2,751,818	1,773,313	-499,779	21,835,760	2,671,632	129,244	19,035,156	21,836,032
1992 .....	17,957,822	2,772,308	2,137,504	-507,565	22,360,069	2,599,426	216,282	19,544,364	22,360,072
1993 .....	18,214,459	2,799,253	2,350,115	-109,593	23,254,234	2,834,955	140,183	20,279,095	23,254,233
1994 .....	18,931,851	2,578,840	2,623,839	-415,579	23,718,951	2,864,757	161,739	20,707,717	23,734,213
1995 .....	18,708,969	3,024,548	2,841,048	-230,002	24,344,563	2,609,779	154,119	21,580,665	24,344,563
1996 .....	18,902,070	2,980,614	2,937,413	278,937	25,099,034	2,978,649	153,393	21,966,991	25,099,033

NA = Not available.  
Notes: Beginning with 1980 data, dry production and consumption volumes did include supplemental gas supplies, and storage volumes did include liquefied natural gas (LNG). Beginning with 1976 data, total supply and disposition do not balance on equivalent data in Table 1 due to the exclusion of intransit receipts and deliveries. Beginning with 1965 data, all volumes are shown on a pressure base of 14.73 psia at degrees Fahrenheit. For prior years, the pressure base is 14.65 psia at 60 degrees Fahrenheit.  
Sources: 1930-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Report, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption, 1979*. 1980-1994: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-191, "Underground Gas Storage Report"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report"; Form EIA-191, "Underground Gas Storage Report"; and Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." 1995: EIA, Form EIA-176, Form EIA-191, Form EIA-64A, Form EIA-627, and Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports. 1996: EIA, Form EIA-176, Form EIA-191, Form EIA-64A, Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"; and Office of Fossil Energy.

**Figure 23. Natural Gas Delivered to Consumers in the United States, 1930-1996**



Note: In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: 1930-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption, 1979*. 1980-1996: Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Form EIA-759, "Monthly Power Plant Report."

**Table 101. Natural Gas Consumption in the United States, 1930-1996**  
(Million Cubic Feet)

Year	Lease and Plant Fuel	Pipeline Fuel	Delivered to Consumers						Total Consumption
			Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities	Total	
1930 .....	648,025	NA	295,700	80,707	721,782	NA	120,290	1,218,479	1,866,504
1931 .....	509,077	NA	294,406	86,491	593,644	NA	138,343	1,112,884	1,621,961
1932 .....	477,562	NA	298,520	87,367	531,831	NA	107,239	1,024,957	1,502,519
1933 .....	442,879	NA	283,197	85,577	590,865	NA	102,601	1,062,240	1,505,119
1934 .....	502,352	NA	288,236	91,261	703,053	NA	127,896	1,210,446	1,712,798
1935 .....	524,926	NA	313,498	100,187	790,563	NA	125,239	1,329,487	1,854,413
1936 .....	557,404	NA	343,346	111,623	931,001	NA	156,080	1,542,050	2,099,454
1937 .....	581,110	NA	371,844	117,390	1,091,920	NA	170,567	1,751,721	2,332,831
1938 .....	585,865	NA	367,772	114,296	982,838	NA	169,988	1,634,894	2,220,759
1939 .....	607,138	NA	391,153	118,334	1,092,263	NA	191,131	1,792,881	2,400,019
1940 .....	632,335	NA	443,646	134,644	1,181,352	NA	183,156	1,942,798	2,575,133
1941 .....	570,694	NA	442,067	144,844	1,326,967	NA	205,156	2,119,034	2,689,728
1942 .....	602,063	NA	498,537	183,603	1,402,834	NA	238,736	2,323,710	2,925,773
1943 .....	659,198	NA	529,444	204,793	1,582,680	NA	305,576	2,622,493	3,281,691
1944 .....	712,312	NA	562,183	220,747	1,698,608	NA	359,745	2,841,283	3,553,595
1945 .....	757,016	NA	607,400	230,099	1,819,838	NA	326,190	2,983,527	3,740,543
1946 .....	732,535	NA	660,820	241,802	1,905,575	NA	306,924	3,115,121	3,847,656
1947 .....	745,027	NA	802,150	285,213	2,032,383	NA	373,037	3,492,783	4,237,810
1948 .....	812,005	NA	896,348	323,054	2,226,137	NA	478,097	3,923,636	4,735,641
1949 .....	835,297	NA	992,544	347,818	2,245,372	NA	550,121	4,135,855	4,971,152
1950 .....	927,611	125,546	1,198,369	387,838	2,498,259	NA	628,919	4,713,385	5,766,542
1951 .....	1,149,470	192,496	1,474,725	464,309	2,765,264	NA	763,898	5,468,196	6,810,162
1952 .....	1,164,596	207,207	1,621,966	515,669	2,874,765	NA	910,117	5,922,517	7,294,320
1953 .....	1,131,017	230,314	1,685,503	530,650	3,027,514	NA	1,034,272	6,277,939	7,639,270
1954 .....	1,102,535	230,615	1,894,248	584,957	3,070,651	NA	1,165,498	6,715,354	8,048,504
1955 .....	1,130,985	245,246	2,123,952	629,219	3,410,975	NA	1,153,280	7,317,426	8,693,657
1956 .....	1,002,537	295,972	2,327,564	716,871	3,706,610	NA	1,239,311	7,990,356	9,288,865
1957 .....	1,046,084	299,235	2,500,269	775,916	3,888,494	NA	1,336,141	8,500,820	9,846,139
1958 .....	1,146,064	312,221	2,714,251	871,774	3,885,445	NA	1,372,853	8,844,323	10,302,608
1959 .....	1,238,945	349,348	2,912,601	975,107	4,216,671	NA	1,628,509	9,732,888	11,321,181
1960 .....	1,236,781	347,075	3,103,167	1,020,222	4,534,530	NA	1,724,762	10,382,681	11,966,537
1961 .....	1,288,762	377,607	3,248,578	1,076,849	4,672,355	NA	1,825,117	10,822,899	12,489,268
1962 .....	1,369,512	382,496	3,478,563	1,206,668	4,863,300	NA	1,965,974	11,514,505	13,266,513
1963 .....	1,411,088	423,783	3,589,021	1,267,783	5,134,081	NA	2,144,473	12,135,358	13,970,229
1964 .....	1,370,835	435,570	3,787,292	1,374,717	5,522,498	NA	2,322,896	13,007,403	14,813,808
1965 .....	1,156,224	500,524	3,902,802	1,443,648	5,955,417	NA	2,321,101	13,622,968	15,279,716
1966 .....	1,033,400	535,353	4,138,259	1,622,740	6,512,702	NA	2,609,949	14,883,650	16,452,403
1967 .....	1,140,966	575,752	4,313,304	1,958,970	6,653,016	NA	2,746,352	15,671,642	17,388,360
1968 .....	1,237,131	590,965	4,450,354	2,075,736	7,129,967	NA	3,147,909	16,803,966	18,632,062
1969 .....	1,345,648	630,962	4,728,281	2,253,206	7,610,501	NA	3,487,642	18,079,630	20,056,240

See footnotes at end of table.

**Table 101. Natural Gas Consumption in the United States, 1930-1996 (Continued)**  
(Million Cubic Feet)

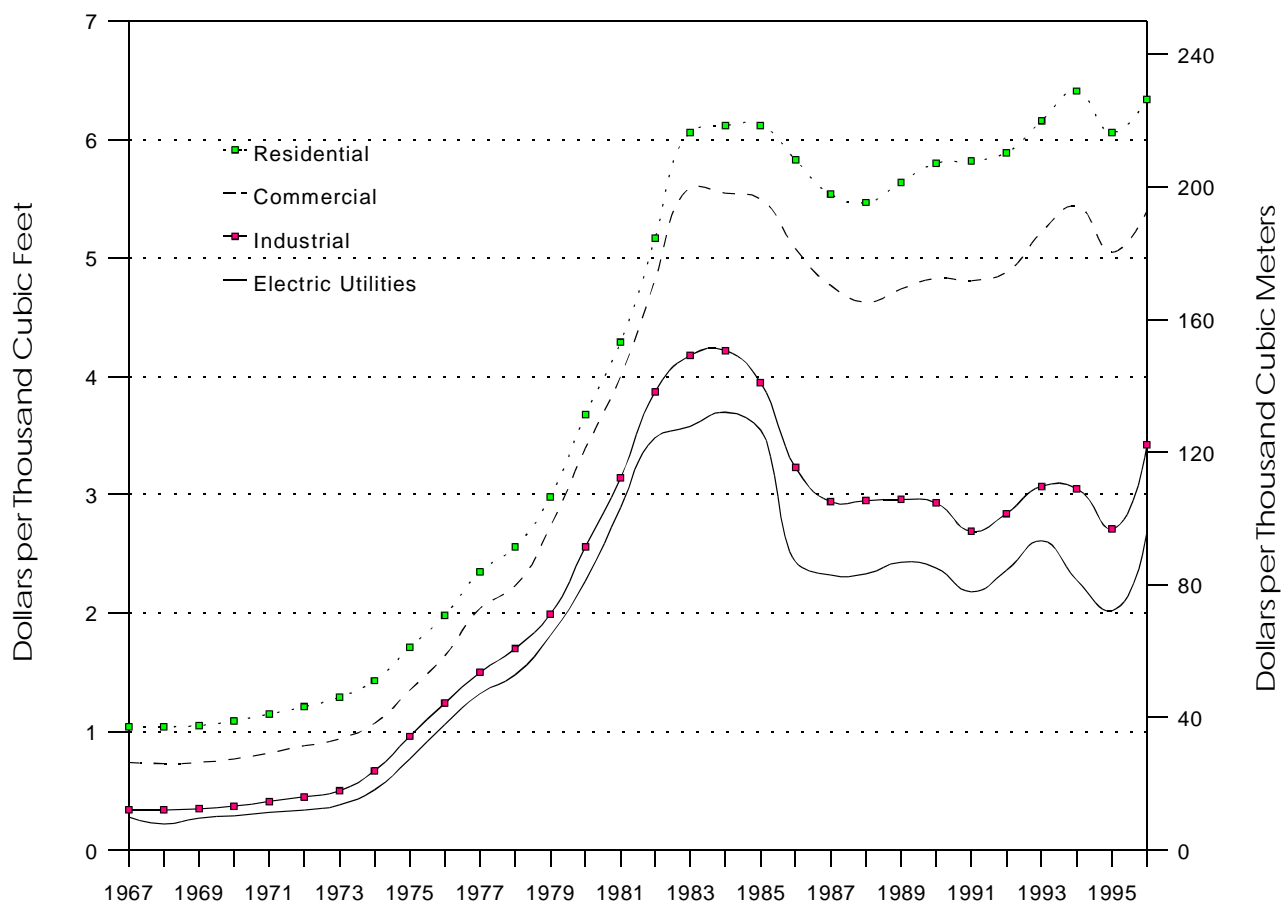
Year	Lease and Plant Fuel	Pipeline Fuel	Delivered to Consumers					Total Consumption
			Residential	Commercial	Industrial	Vehicle Fuel	Electric Utilities	
1970 .....	1,398,758	722,166	4,837,432	2,398,510	7,850,660	NA	3,931,860	19,018,462
1971 .....	1,413,650	742,592	4,971,690	2,508,977	8,180,527	NA	3,976,018	19,637,212
1972 .....	1,455,563	766,156	5,125,982	2,607,982	8,168,855	NA	3,976,914	19,879,733
1973 .....	1,495,915	728,177	4,879,387	2,597,037	8,688,675	NA	3,660,172	19,825,271
1974 .....	1,477,386	668,792	4,786,128	2,555,617	8,291,782	NA	3,443,428	19,076,955
1975 .....	1,396,277	582,963	4,924,124	2,508,293	6,968,267	NA	3,157,669	17,558,353
1976 .....	1,634,355	548,323	5,051,360	2,667,740	6,963,850	NA	3,080,868	17,763,818
1977 .....	1,659,145	532,669	4,821,485	2,500,793	6,815,289	NA	3,191,200	17,328,767
1978 .....	1,647,911	530,451	4,903,006	2,601,106	6,756,641	NA	3,188,363	17,449,116
1979 .....	1,498,530	600,964	4,965,365	2,785,961	6,899,418	NA	3,490,523	18,141,267
1980 .....	1,026,438	634,622	4,752,082	2,610,895	7,171,661	NA	3,681,595	18,216,233
1981 .....	927,591	642,325	4,546,450	2,519,791	7,127,547	NA	3,640,154	17,833,942
1982 .....	1,109,398	596,411	4,633,035	2,605,523	5,831,170	NA	3,225,518	16,295,245
1983 .....	978,249	490,042	4,380,599	2,432,547	5,642,708	NA	2,910,767	15,366,621
1984 .....	1,076,881	528,754	4,555,465	2,524,244	6,153,841	NA	3,111,342	16,344,893
1985 .....	966,047	503,766	4,433,377	2,432,382	5,901,288	NA	3,044,083	15,811,130
1986 .....	922,524	485,041	4,313,969	2,318,335	5,579,057	NA	2,602,370	14,813,731
1987 .....	1,149,383	519,170	4,314,833	2,430,064	5,953,308	NA	2,844,051	15,542,256
1988 .....	1,095,883	613,912	4,630,330	2,670,465	6,383,382	NA	2,635,616	16,319,793
1989 .....	1,069,902	629,308	4,780,638	2,717,722	6,816,244	NA	2,787,012	17,101,615
1990 .....	1,236,392	659,816	4,391,324	2,622,721	7,018,414	270	2,786,153	16,818,882
1991 .....	1,129,268	601,305	4,555,659	2,728,581	7,230,962	367	2,789,014	17,304,582
1992 .....	1,170,821	587,710	4,690,065	2,802,751	7,526,898	511	2,765,608	17,785,833
1993 .....	1,171,940	624,308	4,956,445	2,861,569	7,981,433	960	2,682,440	18,482,847
1994 .....	1,123,720	685,362	4,847,702	2,895,013	8,167,033	1,741	2,987,146	18,898,635
1995 .....	1,220,168	700,335	4,850,318	3,031,077	8,579,585	2,674	3,196,507	19,660,161
1996 .....	1,250,037	711,446	5,241,414	3,158,244	8,870,422	2,932	2,732,496	20,005,508

NA = Not available.

Notes: Beginning with 1965 data, all volumes are shown on a pressure base of 14.73 psia at 60 degrees Fahrenheit. For prior years, the pressure base is 14.65 psia at 60 degrees Fahrenheit. Number of vehicle fuel consumers generally refers to the number of fueling stations. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: 1930-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration (EIA), Energy Data Reports, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption*, 1979. 1980-1989: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Form EIA-759, "Monthly Power Plant Report"; 1990: EIA, Form EIA-176, Form EIA-759, and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; 1991-1995: EIA, Form EIA-176, Form EIA-759, Form EIA-64A, and Form EIA-627, "Annual Quantity and Value of Natural Gas Report." 1996: EIA, Form EIA-176, Form EIA-759, Form EIA-64A, and Form EIA-895, "Monthly Quantity and Value of Natural Gas Report."

**Figure 24. Average Price of Natural Gas Delivered to U.S. Consumers, 1967-1996**



Sources: Electric Utilities: 1967-1977: Federal Power Commission (FPC). 1978-1993: Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report;" Federal Energy Regulatory Commission (FERC), Form FERC-423, "Cost and Quality of Fuels for Electric Utility Plants" and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." All other data: 1967-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: Energy Information Administration, Energy Data Report, *Natural Gas Annual*. 1979: Energy Information Administration, *Natural Gas Production and Consumption 1979*. 1980-1995: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Federal Energy Regulatory Commission (FERC), Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 102. Average Price of Natural Gas Delivered to U. S. Consumers, 1967-1996**  
(Dollars per Thousand Cubic Feet)

Year	Delivered to Consumers				
	Residential	Commercial	Industrial	Vehicle	Electric Utilities
1967 .....	1.04	0.74	0.34	NA	0.28
1968 .....	1.04	0.73	0.34	NA	0.22
1969 .....	1.05	0.74	0.35	NA	0.27
1970 .....	1.09	0.77	0.37	NA	0.29
1971 .....	1.15	0.82	0.41	NA	0.32
1972 .....	1.21	0.88	0.45	NA	0.34
1973 .....	1.29	0.94	0.50	NA	0.38
1974 .....	1.43	1.07	0.67	NA	0.51
1975 .....	1.71	1.35	0.96	NA	0.77
1976 .....	1.98	1.64	1.24	NA	1.06
1977 .....	2.35	2.04	1.50	NA	1.32
1978 .....	2.56	2.23	1.70	NA	1.48
1979 .....	2.98	2.73	1.99	NA	1.81
1980 .....	3.68	3.39	2.56	NA	2.27
1981 .....	4.29	4.00	3.14	NA	2.89
1982 .....	5.17	4.82	3.87	NA	3.48
1983 .....	6.06	5.59	4.18	NA	3.58
1984 .....	6.12	5.55	4.22	NA	3.70
1985 .....	6.12	5.50	3.95	NA	3.55
1986 .....	5.83	5.08	3.23	NA	2.43
1987 .....	5.54	4.77	2.94	NA	2.32
1988 .....	5.47	4.63	2.95	NA	2.33
1989 .....	5.64	4.74	2.96	NA	2.43
1990 .....	5.80	4.83	2.93	3.39	2.38
1991 .....	5.82	4.81	2.69	3.96	2.18
1992 .....	5.89	4.88	2.84	4.05	2.36
1993 .....	6.16	5.22	3.07	4.27	2.61
1994 .....	6.41	5.44	3.05	4.11	2.28
1995 .....	6.06	5.05	2.71	3.98	2.02
1996 .....	6.34	5.40	3.42	4.34	2.69

NA = Not available.  
Notes: Beginning in 1987, prices for deliveries to consumers are calculated using only on-system sales data. Due to large amounts of missing data for values of lease and plant fuel since 1987, prices are not estimated. In previous years, imputations were made for missing data and a price was calculated using reported and imputed data to derive a total value for gas consumed. Since total consumption value estimates were not made since 1987, no lease and plant fuel value estimate was made. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.  
Sources: Electric Utilities: 1967-1977: Federal Power Commission (FPC), Form FERC-423, "Cost and Quality of Fuels for Electric Utility Plants"; and Form EIA-759, "Monthly Power Plant Report"; Federal Energy Regulatory Commission (FERC), Form FERC-423, "Cost and Quality of Fuels for Electric Utility Plants"; and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." All other data: 1967-1975: Bureau of Mines, *Minerals Yearbook*, "Natural Gas" chapter. 1976-1978: EIA, Energy Data Report, *Natural Gas Annual*. 1979: EIA, *Natural Gas Production and Consumption, 1979*. 1980-1996: EIA, Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

## **Appendix A**

**Summary of Data  
Collection  
Operations and  
Report  
Methodology**



## Summary of Data Collection Operations and Report Methodology

The 1996 data for the Natural Gas Annual are taken primarily from Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Form EIA-895, "Monthly Quantity and Value of Natural Gas Report." Each of these surveys and all other sources of data for this report are discussed separately in the following sections.

### Form EIA-176

#### *Survey Design*

The original version of Form EIA-176 was approved in 1980 with a mandatory response requirement. Prior to 1980, published data were based on voluntary responses to Bureau of Mines, U.S. Department of the Interior predecessor Forms BOM-6-1340-A and BOM-6-1341-A of the same title.

In 1982, the scope of the revised EIA-176 survey was expanded to collect the number of electric utility consumers in each State, volumes of gas transported to industrial and electric utility consumers, detailed information on volumes transported across State borders by the respondent for others and for the responding company, and detailed information on other disposition. These changes were incorporated to provide more complete survey information with a minimal change in respondent burden. The 1982 revision of the Form EIA-176 continues to be the basis for the current version of this form.

In 1988, the Form EIA-176 was revised to include data collection for deliveries of natural gas to commercial consumers for the account of others. The revised form was approved for use during report years 1987 through 1989. A short version of Form EIA-176 was also approved in 1988. Companies engaged in purchase and delivery activities but not in transportation and storage activities may file the short form. Usually, these companies are municipals handling small volumes of gas.

In 1990, the Form EIA-176 was revised to include more detailed information for gas withdrawn from storage facilities, gas added to storage facilities, deliveries of company-owned natural gas and natural gas transported for the account of others. The revised form was approved for use beginning with report year 1990.

Upon the Office of Management and Budget's (OMB) approval in 1993, the Form EIA-176 was revised. All deliveries to consumers are now categorized as firm or interruptible. Commercial and industrial consumers are further categorized as nonutility power producers or as those excluding nonutility power producers.

Approval of the Form EIA-176 for use through 1999 was received in 1996 from OMB. The form was modified as outlined in the "Change in Definition of Consumption Sector" below.

Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

In February 1997, forms for report year 1996 were mailed to all identified interstate natural gas pipeline companies; intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities) other than for lease or plant use or processing; and field, well, or processing-plant operators that transport gas to, across, or from a State border through field or gathering facilities. Detailed instructions for completing the form were included in each survey package.

Completed forms were returned to the Data Operations Branch of the Reserves and Natural Gas Division, where each was checked for errors, corrected as necessary, and processed into computer-generated State and national data summaries.

#### ***Change in Definition of Consumption Sector***

With the 1996 annual reporting cycle, the Energy Information Administration has changed the customer category used for reporting deliveries to consumers in the agricultural industry from commercial to industrial. Most natural gas consumed in agriculture is used to drive irrigation systems and to dry crops. Separate reports of the volumes affected are not available so the direct impact of this change is not known.

In comparing sectoral use over time, note that:

- there is an inherent shift in natural gas volumes from the commercial to industrial sectors due simply to changes in the reporting requirements. This break in series may indicate a spurious increase in industrial consumption with a corresponding decrease in the commercial sector;
- the sum of natural gas volumes consumed by the commercial and industrial sectors will not be changed by this modification in the instructions.

## **Response Statistics**

Each company and its parent company or subsidiaries were required to file if they met the survey specifications. The original mailing totaled 1,938 questionnaire packages. To this original mailing, 11 names were added and 63 were deleted as a result of the survey processing. Additions were the result of comparisons of the mailing list to other survey mailing lists. Deletions resulted from post office returns and determinations that companies were out of business, sold, or not within the scope of the survey. After all updates, the survey universe was 1,887 responses from approximately 1,800 companies.

Following the original mailing, second request mailing, and nonrespondents follow-up, 1,878 responses were entered into the data base. There were 30 nonrespondents.

## **Summary of Form EIA-176 Data Reporting Requirements**

The Form EIA-176 is a five-page form consisting of seven parts. Part I of the form contains identifying information including the company identification number, the company name and address, the State for which the report is filed, and address correction information. Part II contains certification information. The body of the form (Parts III-VII) is a multiline schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents filed completed forms with the EIA in Washington, D.C. Data for the year 1996 were due April 1, 1997.

Computer edit programs verified the report year, State code, and arithmetic totals. Further tests were made to ensure that all necessary data elements were present and that the data were reasonable and internally consistent. The computerized edit system produced error listings with messages for each failed edit test. To resolve problems, respondents were contacted by telephone and were required to file amended forms with corrected data.

All natural gas and supplemental gaseous fuels volumes were reported on a physical custody basis in thousand cubic feet, and dollar values were reported to the nearest whole dollar. All volumes were reported at 14.73 pounds per square inch absolute pressure and 60 degrees Fahrenheit. Other minor report standards were specified in the instructions booklet to assure that the filed data were consistent and could be readily processed.

## **Comparison of the Form EIA-176 with Other Data Sources**

Comparison of the EIA-176 data with data from similar series is another method of ensuring the validity of the data published in this report. This comparison on a company-by-company basis showed significant differences that respondents were required to reconcile.

The FPC-14, "Annual Report for Importers and Exporters of Natural Gas," was discontinued in September 1995. Data on imports and exports of natural gas, as collected by the EIA-176 survey, were checked by comparing individual responses with quarterly data reports, "Natural Gas Imports and Exports," filed with the Office of Fossil Energy, U.S. Department of Energy. These quarterly reports are required as a condition of import/export authorizations. Where discrepancies were noted, respondents were required to file corrected reports.

Similarly, data on the underground storage of natural gas were compared with submissions of Form EIA-191, "Underground Gas Storage Report." If significant differences were noted, companies were contacted to reconcile the discrepancies. During 1996, the 113 companies filing the Form EIA-191 reported total injections of 2,872 billion cubic feet and total withdrawals of 2,883 billion cubic feet. This compares to 2,906 billion cubic feet of injections and 2,911 billion cubic feet of withdrawals, as reported on the Form EIA-176.

Data on deliveries to residential, commercial, and industrial consumers were compared with data submitted on Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." Where discrepancies were noted, respondents were required to file corrected reports for either and sometimes both surveys. Numerous telephone calls were made to clarify any misunderstandings concerning the correct filing of both forms. Typical errors included electric utility volumes combined with industrial volumes, sale for resale volumes reported as industrial consumption, cogeneration volumes not reported on Form EIA-857, and misinterpretation of general instructions.

A discussion of the comparison of the data on deliveries to electric utilities filed on Form EIA-176 and that reported in the EIA publication, *Electric Power Annual*, is included in this Appendix under "Electric Utility Data."

## ***Routine Form EIA-176 Edit Checks***

A series of manual and computerized edit checks were used to screen the Form EIA-176. The edits performed included validity, arithmetic, and analytical checks. A computerized check was also made for consistency with previous filings.

The incoming forms for the survey were reviewed prior to keying. This prescan determined if the respondent identification (ID) number and the company name and address were correct, if the data on the form appeared complete and reasonable, and if the certifying information was complete.

Manual checks on the data were also made. Each form was prescanned to determine that data were reported on the correct lines. The flow of gas through interstate pipelines was checked at the company level to assure that each delivery from a State was matched with a corresponding receipt in an adjoining State.

## **Form EIA-627 and Form EIA-895**

### ***Survey Design***

Beginning with 1980 data, natural gas production data previously obtained on an informal basis from appropriate State agencies were collected on Form EIA-627. This form was designed by the EIA to collect annual natural gas production data from the appropriate State agencies under a standard data reporting system within the limits imposed by the diversity of data collection systems of the various producing States. It was also designed to avoid duplication of the efforts involved in the collection of production and value data by producing States and to avoid an unnecessary respondent burden on gas and oil well operators.

In 1993, the Office of Management and Budget approved the Form EIA-627 for use in report years 1994 through 1996. In April 1996, forms for report year 1995 were mailed to the appropriate agencies in 33 States. Completed forms were returned to the Data Operations Branch of the Reserves and Natural Gas Division for review, processing, and compilation.

In 1996, the Reserves and Natural Gas Division redesigned the Form EIA-895, formerly known as the "Monthly Quantity of Natural Gas Report." The Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," has a Monthly and Annual Schedule (replaces the Form EIA-627) for quantity and value of natural gas production. The Annual Schedule is to be filed with the December Monthly Schedule each year and should include any changes or updates in previously reported monthly data.

## ***Response Statistics***

Of the 33 natural gas producing States, 30 participated in the voluntary EIA-895 survey by filing the completed form or by responding to telephone contacts. Data for the 3 nonresponding States (Illinois, New York, and West Virginia) were estimated. Data on the quantities of nonhydrocarbon gases removed in 1996 were reported by the appropriate agencies of 21 of the 33 producing States. The 21 States accounted for 63 percent of total 1996 gross withdrawals. In addition, the gross withdrawal data from Kansas, Louisiana, Montana, and Oklahoma, which together accounted for 32 percent of total production, excluded all or most of the nonhydrocarbon gases removed on leases. Gross withdrawals from Louisiana excludes most quantities of nonhydrocarbon gases removed on leases. Nonhydrocarbon gases removed have been excluded from gross withdrawals in Missouri.

The commercial recovery of methane from coalbeds contribute a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (112,852), Colorado (274,622), and New Mexico (590,349).

### ***Summary of EIA-895 Data Reporting Requirements***

The Form EIA-895 is a two-page form divided into five parts. Part I requests identifying information including the name and location of the responding State agency and the name and telephone number of a contact person within the agency. Part II collects monthly data on the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production. Part III of the form is for reporting the monthly volume and value of marketed production. Part IV of the form is for reporting the annual data, including the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; value of marketed production; and quantity of marketed production (value based). Part V is space to be used by the respondent to explain data elements reported that may be based on definitions differing from those applied to data in previous years.

**Figure A1. Form EIA-176**

EIA-176 (Revised 1996)

Form Approved  
OMB No. 19050175  
Expires 12/31/99

**U.S. DEPARTMENT OF ENERGY**  
Energy Information Administration  
Washington DC 20585

**ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION, 19**

This report is mandatory under the Federal Energy Administration Act of 1974 (Public Law 93-275). For the provisions concerning the confidentiality of information and sanctions statement, see Sections VI and VII of the instructions. Respondents are not required to file or reply to any Federal collection of information unless it has a valid OMB control number. Public reporting burden for this collection of information is estimated to average 20.8 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Energy Information Administration, Office of Statistical Standards, EI-73, 1000 Independence Avenue, S.W., Washington, D.C. 20585; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

**EIA USE**

Affix mailing label or enter mail address

Control (ID) No. \_\_\_\_\_

Name: . . . . . \_\_\_\_\_  
Operations in (State): . . . . . \_\_\_\_\_  
Street or Post Office Box: . . . . . \_\_\_\_\_  
City, State, Zip Code: . . . . . \_\_\_\_\_  
Attention: . . . . . \_\_\_\_\_

**RESPONDENT COPY.**  
Retain for your files.

**PART I: IDENTIFICATION**

1.0 Control No.	2.0 Company Name	3.0 Report State	EIA <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	4.0 Resubmittal Date <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block; vertical-align: middle;"></div>
5.0 Company status, name, and/or address change or correction. (Check appropriate box)				
a. <input type="checkbox"/> Name and address on mailing label are correct. b. <input type="checkbox"/> Change name, attention line, and/or mail address as indicated below. c. <input type="checkbox"/> Company was sold to , or merged with, company entered below. d. <input type="checkbox"/> Company went out of business. Customer accounts taken over by company entered below. e. <input type="checkbox"/> Other changes, corrections, or comments: _____ _____				
5.1 Change company name and/or address to:				
a. Company Name: . . . . . _____ b. Operations in (State): . . . . . _____ c. Street or Post Office Box: . . . . . _____ d. City, State, Zip Code: . . . . . _____ e. Attention: . . . . . _____				

**PART II: CONTACT PERSON**

1.0 Name (Type or Print)	2.0 Telephone Number (including Area Code and Extension)
3.0 Signature	4.0 Date



1.0 Control No.	2.0 Company Name	3.0 Report State	EIA	4.0 Resubmittal
				Date:

**PART III: TYPE OF COMPANY AND GAS ACTIVITIES OPERATED IN THE REPORT STATE**

<b>1.0 Type of Company (check one)</b>  a <input type="checkbox"/> Investor owned distributor b <input type="checkbox"/> Municipally owned distributor c <input type="checkbox"/> Interstate pipeline d <input type="checkbox"/> Intrastate pipeline e <input type="checkbox"/> Storage operator f <input type="checkbox"/> SNG plant operator g <input type="checkbox"/> Integrated oil and gas h <input type="checkbox"/> Producer i <input type="checkbox"/> Gatherer j <input type="checkbox"/> Processor k <input type="checkbox"/> Other (specify)	<b>2.0 Gas Activities Operated On-system Within the Report State</b> (check all that apply)  a <input type="checkbox"/> Produced Natural Gas b <input type="checkbox"/> Gathered c <input type="checkbox"/> Processed d <input type="checkbox"/> Purchased e <input type="checkbox"/> Transported Interstate f <input type="checkbox"/> Transported Intrastate g <input type="checkbox"/> Stored Underground h <input type="checkbox"/> Stored LNG i <input type="checkbox"/> Injected Propane-air j <input type="checkbox"/> Produced SNG k <input type="checkbox"/> Imported l <input type="checkbox"/> Exported  m <input type="checkbox"/> Delivered for Resale n <input type="checkbox"/> Delivered directly to consumers o <input type="checkbox"/> Other (specify) _____
--	---

**PART IV: SUPPLY OF NATURAL AND SUPPLEMENTAL GAS RECEIVED WITHIN OR TRANSPORTED INTO REPORT STATE**

	Volume (Mcf at 14.73 psia)	e or f	Cost (Including taxes)	e or f
1.0 Company-owned natural gas produced on-system . . . . .				
2.0 On-system purchases received:				
2.1 From producers, gatherers, and/or gas processors . . . . .				
2.2 From pipelines and/or distribution companies . . . . .				
2.3 From synthetic natural gas plants or SNG pipeline . . . . .				
2.4 At State line or U.S. border from:				
Company _____				
State or Country _____				
(Continue on Part VI, if more space is needed)				
3.0 Transportation and/or exchange receipts:				
3.1 Received within the report State . . . . .				
3.2 Received at the State line or U.S. border from:				
Company _____				
State or Country _____				
(Continue on Part VI, if more space is needed)				
4.0 Transported into the report State from:				
State or Country _____				
(Continue on Part VI, if more space is needed)				
5.0 Withdrawn from storage facilities:				
5.1 Withdrawn from company-operated underground storage:				
5.1.1 Company-owned natural gas . . . . .				
5.1.2 Natural gas owned by others . . . . .				
5.2 Company-owned natural gas received directly from underground storage operators . . . . .				
5.3 Received from underground storage operators for the account of others . . . . .				
5.4 From liquefied natural gas storage . . . . .				
6.0 Synthetic natural gas produced . . . . .				
7.0 Other sources of supply (specify source and/or kind of fuel): _____				
(Continue on Part VI, if more space is needed)				
8.0 Total supply within report State . . . . .				

RESPONDENT COPY Page 2

EIA-176, ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION, 19     

1.0 Control No.	2.0 Company Name	3.0 Report State	EIA <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>	4.0 Resubmittal <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>	Date
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**PART V: DISPOSITION OF NATURAL AND SUPPLEMENTAL GAS WITHIN OR TRANSPORTED OUT OF REPORT STATE**

	Volume (Mcf at 14.73 psia)	e or f	Cost or Revenue (Including taxes)	e or f
1.0 Used in well, lease, and field operations . . . . .				
2.0 Returned to oil and/or gas reservoirs . . . . .				
3.0 Used, removed, or lost in gas processing or treating plants				
3.1 Company-operated plants:				
3.1.1 Volume delivered to company-operated plants for redelivery . . . . .	<div style="border: 1px solid black; width: 150px; height: 20px;"></div> Mcf			
3.1.2 Volume used for plant fuel . . . . .				
3.1.3 Extraction loss estimated gas phase volume of liquids extracted . . . . .				
3.1.4 Volume of nonhydrocarbons removed (e.g. H <sub>2</sub> S & CO <sub>2</sub> ) . . . . .				
3.1.5 Vented, flared, and/or lost . . . . .				
3.2 Plants operated by others:				
3.2.1 Volume delivered to plants operated by others for redelivery . . . . .	<div style="border: 1px solid black; width: 150px; height: 20px;"></div> Mcf			
3.2.2 Total volume used, removed, vented and/or flared . . . . .				
4.0 Added to storage facilities:				
4.1 Injected into company-operated underground storage:				
4.1.1 Company-owned natural gas . . . . .				
4.1.2 Natural gas owned by others . . . . .				
4.2 Company owned gas delivered directly to underground storage operators . . . . .				
4.3 Delivered to underground storage operators for the account of others . . . . .				
4.4 Added to liquefied natural gas storage . . . . .				
5.0 Deliveries of company-owned natural gas				
5.1 Delivered to other pipelines within the report State . . . . .				
5.2 Delivered to resellers (e.g., distribution companies) . . . . .				
5.3 Delivered at the State line or U.S. border to:				
Company <div style="border: 1px solid black; width: 150px; height: 20px;"></div>				
State or Country <div style="border: 1px solid black; width: 150px; height: 20px;"></div>				
(Continue on Part VI if more space is needed)				
5.4 Delivered directly to consumers <div style="border: 1px solid black; width: 150px; height: 20px;"></div> Number of consumers				
5.4.1 Residential sales <div style="border: 1px solid black; width: 150px; height: 20px;"></div>				
5.4.1.1 Firm . . . . .				
5.4.1.2 Interruptible . . . . .				
5.4.2 Commercial Sales <div style="border: 1px solid black; width: 150px; height: 20px;"></div>				
5.4.2.1 Commercial (excluding nonutility power producer sales)				
5.4.2.1.1 Firm . . . . .				
5.4.2.1.2 Interruptible . . . . .				
5.4.2.2 Commercial nonutility power producer sales				
5.4.2.2.1 Firm . . . . .				
5.4.2.2.2 Interruptible . . . . .				
5.4.3 Industrial Sales <div style="border: 1px solid black; width: 150px; height: 20px;"></div>				
5.4.3.1 Industrial (excluding nonutility power producer sales)				
5.4.3.1.1 Firm . . . . .				
5.4.3.1.2 Interruptible . . . . .				
5.4.3.2 Industrial nonutility power producer sales				
5.4.3.2.1 Firm . . . . .				
5.4.3.2.2 Interruptible . . . . .				
5.4.4 Other Nonutility Power Producer Sales <div style="border: 1px solid black; width: 150px; height: 20px;"></div>				
5.4.4.1 Firm . . . . .				
5.4.4.2 Interruptible . . . . .				

RESPONDENT COPY Page 3

EIA-176, ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION, 19



1.0 Control No.	2.0 Company Name	3.0 Report State	EIA	4.0 Resubmittal	Date
<b>PART V: CONTINUATION, DISPOSITION OF NATURAL AND SUPPLEMENTAL GAS WITHIN OR TRANSPORTED OUT OF REPORT STATE</b>					
		Volume (Mcf at 14.73 psia)	e or f	Cost or Revenue (Including taxes)	e or f
<b>Delivered directly to consumers</b>		<b>Number of consumers</b>			
5.4.5 Electric Utility Sales					
5.4.5.1 Firm					
5.4.5.2 Interruptible					
5.4.6 Natural Gas Used as Vehicle Fuel					
5.4.6.1 Firm					
5.4.6.2 Interruptible					
6.0 Average heat content of gas delivered directly to consumers					Btu
7.0 Natural gas transported for the account of others					
7.1 Delivered to other pipelines within the report State					
7.2 Delivered to resellers for the account of others					
7.3 Delivered at the State line or U.S. border to:					
Company					
State or Country					
(Continue on Part VI if more space is needed)					
<b>7.4 Transported and delivered to consumers for the account of others:</b>		<b>Number of consumers</b>			
7.4.1 Residential Consumers					
7.4.1.1 Firm					
7.4.1.2 Interruptible					
7.4.2 Commercial Consumers					
7.4.2.1 Commercial (excluding nonutility power producer consumers)					
7.4.2.1.1 Firm					
7.4.2.1.2 Interruptible					
7.4.2.2 Commercial nonutility power producer consumers					
7.4.2.2.1 Firm					
7.4.2.2.2 Interruptible					
7.4.3 Industrial Consumers					
7.4.3.1 Industrial (excluding nonutility power producer consumers)					
7.4.3.1.1 Firm					
7.4.3.1.2 Interruptible					
7.4.3.2 Industrial nonutility power producer consumers					
7.4.3.2.1 Firm					
7.4.3.2.2 Interruptible					
7.4.4 Other Nonutility Power Producer Consumers					
7.4.4.1 Firm					
7.4.4.2 Interruptible					
7.4.5 Electric Utility Sales					
7.4.5.1 Firm					
7.4.5.2 Interruptible					
7.4.6 Natural Gas Used as Vehicle Fuel					
7.4.6.1 Firm					
7.4.6.2 Interruptible					
8.0 Deliveries of exchange gas or storage gas					
8.1 Delivered at point(s) within the report State					
8.2 Delivered at the State line or U.S. Border to					
Company					
State or Country					
(Continue on Part VI if more space is needed)					
9.0 Used in pipeline, storage, and/or distribution operations					
10.0 Other disposition (specify)					
(Continue on Part VI if more space is needed)					
11.0 Total disposition accounted for					
12.0 Unaccounted for gas supply (+) or disposition (-)					

RESPONDENT COPY Page 4



1.0 Control No.	2.0 Company Name	3.0 Report State	EIA <input type="checkbox"/> <input type="checkbox"/>	4.0 Resubmittal <input type="checkbox"/> Date:
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**PART VI: CONTINUATION SHEET**  
(To be used only if insufficient space was provided in Part IV and/or Part V)

Supply (Continued)	Volume (Mcf at 14.73 psia)	e or f	Cost or Revenue (Including taxes)	e or f
PART IV, 2.4 On-system purchases received at State line or U.S. border from: (Continued)				
Company _____				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Company _____				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PART IV, 3.2 Transportation and or exchange receipts at State line or U.S. border from: (Continued)				
Company _____				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Company _____				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PART IV, 4.0 Transported into the report State from: (Cont'd)				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PART IV, 7.0 Other sources of supply (specify source and/or kind of fuel): (Continued)				
_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Disposition (Continued)</b>				
PART V, 5.3 Company-owned natural gas deliveries at State line or U.S. border to: (Continued)				
Company _____				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Company _____				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PART V, 7.3 Transported for the account of others out of report State to: (Continued)				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PART V, 8.2 Deliveries of exchange gas at State line or U.S. border to: (Continued)				
Company _____				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Company _____				
State or Country _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PART V, 10.0 Other disposition (specify): (Continued)				
_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

RESPONDENT COPY Page 5



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1.0 Control No.	2.0 Company Name	3.0 Report State	EIA <div><div></div><div></div></div>	4.0 Resubmittal Date: <div><div></div></div>
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## PART VII: FOOTNOTES

[illegible]

**Figure A2. Form EIA-176, Short Form**

EIA-176 (Revised 1996)

Form Approved  
OMB No. 19050175  
Expires 12/31/99

**U.S. DEPARTMENT OF ENERGY**  
Energy Information Administration  
Washington DC 20585

**ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION, 19**

**SHORT  
FORM**

This report is mandatory under the Federal Energy Administration Act of 1974 (Public Law 93-275). For the provisions concerning the confidentiality of information and sanctions statement, see Sections VI and VII of the instructions. Respondents are not required to file or reply to any Federal collection of information unless it has a valid OMB control number. Public reporting burden for this collection of information is estimated to average 20.8 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Energy Information Administration, Office of Statistical Standards, EI-73, 1000 Independence Avenue, S.W., Washington, D.C. 20585; and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503.

**EIA USE**

**EIA COPY.** Tear out, complete, and return to:

Energy Information Administration: EI-441  
Mail Station: BG-094 FORSTL  
U.S. Department of Energy  
Washington, D.C. 20585  
Attn: Form EIA-176

Affix mailing label or enter mail address

Control (ID) No. \_\_\_\_\_

Name: . . . . . \_\_\_\_\_

Operations in (State): . . . . . \_\_\_\_\_

Street or Post Office Box: . . . . . \_\_\_\_\_

City, State, Zip Code: . . . . . \_\_\_\_\_

Attention: . . . . . \_\_\_\_\_

**PART I: IDENTIFICATION**

1.0 Control No.	2.0 Company Name	3.0 Report State	EIA <input type="text"/>	4.0 Resubmittal <input type="text"/> Date
5.0 Company status, name, and/or address change or correction. (Check appropriate box)				
a. <input type="checkbox"/> Name and address on mailing label are correct. b. <input type="checkbox"/> Change name, attention line, and/or mail address as indicated below. c. <input type="checkbox"/> Company was sold to , or merged with, company entered below. d. <input type="checkbox"/> Company went out of business. Customer accounts taken over by company entered below. e. <input type="checkbox"/> Other changes, corrections, or comments: _____ _____				
5.1 Change company name and/or address to:				
a. Company Name: . . . . . _____ b. Operations in (State): . . . . . _____ c. Street or Post Office Box: . . . . . _____ d. City, State, Zip Code: . . . . . _____ e. Attention: . . . . . _____				

**PART II: CONTACT PERSON**

1.0 Name (Type or Print)	2.0 Telephone Number (including Area Code and Extension)
3.0 Signature	4.0 Date

**EIA-176, ANNUAL REPORT OF NATURAL AND SUPPLEMENTAL GAS SUPPLY AND DISPOSITION, 19**

1.0 Control No.	2.0 Company Name	3.0 Report State	EIA <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	4.0 Resubmittal Date: <span style="border-bottom: 1px solid black; display: inline-block; width: 100px;"></span>
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**PART III: TYPE OF COMPANY AND GAS ACTIVITIES OPERATED IN THE REPORT STATE**

<p>1.0 Type of Company (check one)</p> <p>a <input type="checkbox"/> Investor owned distributor</p> <p>b <input type="checkbox"/> Municipally owned distributor</p> <p>c <input type="checkbox"/> Interstate pipeline</p> <p>d <input type="checkbox"/> Intrastate pipeline</p> <p>e <input type="checkbox"/> Storage operator</p> <p>f <input type="checkbox"/> SNG plant operator</p> <p>g <input type="checkbox"/> Integrated oil and gas</p> <p>h <input type="checkbox"/> Producer</p> <p>i <input type="checkbox"/> Gatherer</p> <p>j <input type="checkbox"/> Processor</p> <p>k <input type="checkbox"/> Other (specify) <span style="border-bottom: 1px solid black; display: inline-block; width: 150px;"></span></p>	<p>2.0 Gas Activities Operated On-system Within the Report State (check all that apply)</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">a <input type="checkbox"/> Produced Natural Gas</td> <td style="width: 50%;">m <input type="checkbox"/> Delivered for Resale</td> </tr> <tr> <td>b <input type="checkbox"/> Gathered</td> <td>n <input type="checkbox"/> Delivered directly to consumers</td> </tr> <tr> <td>c <input type="checkbox"/> Processed</td> <td>o <input type="checkbox"/> Other (specify) <span style="border-bottom: 1px solid black; display: inline-block; width: 100px;"></span></td> </tr> <tr> <td>d <input type="checkbox"/> Purchased</td> <td></td> </tr> <tr> <td>e <input type="checkbox"/> Transported Interstate</td> <td></td> </tr> <tr> <td>f <input type="checkbox"/> Transported Intrastate</td> <td></td> </tr> <tr> <td>g <input type="checkbox"/> Stored Underground</td> <td></td> </tr> <tr> <td>h <input type="checkbox"/> Stored LNG</td> <td></td> </tr> <tr> <td>i <input type="checkbox"/> Injected Propane-air</td> <td></td> </tr> <tr> <td>j <input type="checkbox"/> Produced SNG</td> <td></td> </tr> <tr> <td>k <input type="checkbox"/> Imported</td> <td></td> </tr> <tr> <td>l <input type="checkbox"/> Exported</td> <td></td> </tr> </table>	a <input type="checkbox"/> Produced Natural Gas	m <input type="checkbox"/> Delivered for Resale	b <input type="checkbox"/> Gathered	n <input type="checkbox"/> Delivered directly to consumers	c <input type="checkbox"/> Processed	o <input type="checkbox"/> Other (specify) <span style="border-bottom: 1px solid black; display: inline-block; width: 100px;"></span>	d <input type="checkbox"/> Purchased		e <input type="checkbox"/> Transported Interstate		f <input type="checkbox"/> Transported Intrastate		g <input type="checkbox"/> Stored Underground		h <input type="checkbox"/> Stored LNG		i <input type="checkbox"/> Injected Propane-air		j <input type="checkbox"/> Produced SNG		k <input type="checkbox"/> Imported		l <input type="checkbox"/> Exported	
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j <input type="checkbox"/> Produced SNG																									
k <input type="checkbox"/> Imported																									
l <input type="checkbox"/> Exported																									

**PART IV: SUPPLY OF NATURAL AND SUPPLEMENTAL GAS RECEIVED WITHIN OR TRANSPORTED INTO REPORT STATE**

	Volume (Mcf at 14.73 psia)	e or f	Cost (Including taxes)	e or f
2.0 On-system purchases received:				
2.1 From producers, gatherers, and/or gas processors				
2.2 From pipelines and/or distribution companies				
2.3 From synthetic natural gas plants or SNG pipeline				
7.0 Other sources of supply (specify): (Source and/or kind of fuel)				
(Continue on Part IV, if more space is needed)				
8.0 Total supply within report State				

**PART V: DISPOSITION OF NATURAL AND SUPPLEMENTAL GAS WITHIN OR TRANSPORTED OUT OF REPORT STATE**

	Volume (Mcf at 14.73 psia)	e or f	Cost or Revenue (Including taxes)	e or f
9.0 Used in pipeline, storage and/or distribution operations				
5.4 Delivered directly to consumers				
(Type of transaction and consumer)      Number of consumers				
5.4.1 Residential sales				
5.4.1.1 Firm				
5.4.1.2 Interruptible				
5.4.2 Commercial Sales				
5.4.2.1 Commercial (excluding nonutility power producer sales)				
5.4.2.1.1 Firm				
5.4.2.1.2 Interruptible				
5.4.2.2 Commercial nonutility power producer sales				
5.4.2.2.1 Firm				
5.4.2.2.2 Interruptible				
5.4.3 Industrial Sales				
5.4.3.1 Industrial (excluding nonutility power producer sales)				
5.4.3.1.1 Firm				
5.4.3.1.2 Interruptible				
5.4.3.2 Industrial nonutility power producer sales				
5.4.3.2.1 Firm				
5.4.3.2.2 Interruptible				

**RESPONDENT COPY Page 2**

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1.0 Control No.	2.0 Company Name	3.0 Report State	EIA	4.0 Resubmittal	Date
<b>PART V: CONTINUATION, DISPOSITION OF NATURAL AND SUPPLEMENTAL GAS WITHIN OR TRANSPORTED OUT OF REPORT STATE</b>					
		Volume (Mcf at 14.73 psia)	e or f	Cost or Revenue (Including taxes)	e or f
5.4.4	Other Nonutility Power Producer Sales				
5.4.4.1	Firm				
5.4.4.2	Interruptible				
5.4.5	Electric Utility Sales				
5.4.5.1	Firm				
5.4.5.2	Interruptible				
5.4.6	Natural Gas Used as Vehicle Fuel				
5.4.5.1	Firm				
5.4.5.2	Interruptible				
6.0	Average heat content of gas delivered directly to consumers (Btu per cubic foot)				
10.0	Other disposition (specify)				
(Continue on Part VI, if more space is needed)					
11.0	Total disposition accounted for				
12.0	Unaccounted for gas supply (+) or disposition (-)				



1.0 Control No.	2.0 Company Name	3.0 Report State	EIA <div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>	4.0 Resubmittal Date: <div style="border: 1px solid black; width: 40px; height: 20px; display: inline-block;"></div>
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**PART VI: CONTINUATION SHEET** Sheet \_\_\_\_ of \_\_\_\_  
 (To be used only if insufficient space was provided in Part IV and/or Part V)

Supply (Continued)	Volume (Mcf at 14.73 psia)	e or f	Cost or Revenue (Including taxes)	e or f
PART IV, 7.0 Other sources of supply (specify source and/or kind of fuel): (Continued)				
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## **Routine Form EIA-895 Edit Checks**

Each filing of the Form EIA-895 is manually checked for reasonableness and mathematical accuracy. Volumes are converted, as necessary, to a standard 14.73 psia pressure base. Value data are compared to the previous year's data for reasonableness. When data on nonhydrocarbon gases removed, gas vented and flared, and gas used for repressuring are not reported for a State that historically reported one or more of these items, a volume is imputed. The imputation is based on the average ratio of gas volumes in the missing category to total gross withdrawals in States with values reporting gas in that category. This average ratio is applied to the volume of total gross withdrawals reported by the State to calculate the volume for the missing items. State agencies are contacted by telephone in order to correct errors. Amended filings or resubmissions are not a requirement, since participation in the survey is voluntary.

## **Comparison of the Form EIA-895 with Other Data Sources**

Annual production data, as reported on the Form EIA-895, are compared to the sum of monthly data previously reported on the Monthly Schedule. The comparison is made in order to assure the reasonableness of the data reported on the Form EIA-895, Annual Schedule. Any significant differences are resolved by contacting the reporting State.

For discussion of the comparison of production data collected on Form EIA-895 and that collected on Form EIA-23, "Annual Survey of Domestic Oil and Gas Reserves," see the EIA report, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1996 Annual Report*.

## **Electric Utility Data**

The electric utility data published in this report are taken from the Forms EIA-759, "Monthly Power Plant Report" and FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." These data were used in order to maintain consistency among EIA publications. Electric data are necessary on the Form EIA-176 to provide a supply/disposition balance on the form. Differences in the two surveys are apparent in the results published in Table 15, "Natural Gas Deliveries to Consumers by State," and Table 18, "Natural Gas Delivered to Electric Utilities for the Account of Others by State," where volumes in Table 18 sometimes exceed volumes in Table 15. A State-by-State comparison of the reported volumes of natural gas, as collected on the Forms EIA-176 and EIA-759 is shown in Table A1. The national totals differ by 236 billion cubic feet or 10 percent in relative terms.

While processing the data reported on the Form EIA-176, the EIA made special efforts to determine the reasons for the differences in reporting of electric utility data on the Forms EIA-176 and EIA-759. Typical instances of misreporting occurred in the reporting of gas delivered to electric utilities for the account of others. Some companies reported these deliveries under sales for resale. Others reported them under transportation, exchange and/or storage deliveries. A few others reported them under transported to industrials. Companies making mistakes were asked to refile, and new companies were asked to file when they were found making deliveries of gas. Most companies were cooperative, and their refilings and new filings improved the accuracy of the data.

## **Other Data Sources**

The U.S. Minerals Management Service (USMMS) supplied data on the quantity and value of natural gas production and the number of producing wells in the Gulf of Mexico Outer Continental Shelf. Volumes of extraction losses were reported on Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." Heat (Btu) content extraction loss was estimated from data reported on Form EIA-64A and Form EIA-816, "Monthly Natural Gas Liquids Report." Volumes and prices of natural gas imports and exports were reported to the Office of Fossil Energy, U.S. Department of Energy, *Natural Gas Imports and Exports*. These data are nonproprietary and are filed annually by each individual or organization having authorization to import and export natural gas.

## **Report Methodology**

### **Natural Gas Consumed as a Vehicle Fuel**

Data on deliveries of natural gas delivered for use as a vehicle fuel were collected for the first time in 1990. In 1990 and 1991 deliveries of natural gas for vehicle fuel use were included with volumes delivered to commercial consumers. Beginning with the *Natural Gas Annual 1992*, vehicle fuel volumes are no longer included with commercial volumes.

### **Natural Gas Balancing Item**

The natural gas balancing item represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. It is calculated for each State as the result of a comparison between total reported supply and total reported disposition (Table 2). In the formula used, total reported supply is the sum of marketed production, net interstate movements, net

Figure A3. Form EIA-895

EIA-895

U.S. DEPARTMENT OF ENERGY  
Energy Information Administration  
Washington, DC 20585

Form Approved  
OMB No. 19050192  
Expires: 12/31/99

EIA-895, MONTHLY QUANTITY AND VALUE OF NATURAL GAS REPORT										
PART IV: ANNUAL SCHEDULE (to be completed when a calendar year of monthly reports has been completed)										
Enter the total number of producing gas wells in operation as of December 31 for the reporting year.										
Month	Gas and Condensate Wells	Oil Wells (Casinghead)	Total	Used for Repressuring, Etc.	Vented and Flared	Nonhydrocarbon Gases Removed	Natural Gas Used as Fuel on Leases	Marketed Production	Value of Marketed Production	Quantity of Marketed Production (Value Based)
January										
February										
March										
April										
May										
June										
July										
August										
September										
October										
November										
December										
Total										
PART V: COMMENTS										

movements across U.S. borders, and supplemental gaseous fuels supply. Total reported disposition is the sum of extraction loss, net storage changes (net additions to storage), and consumption. When this calculation results in a negative quantity for the balancing item it represents an excess of reported supply in relation to reported disposition, and positive quantities indicate the opposite situation.

The differences between supply and demand represent quantities lost, the net result of gas company conversions of flow data metered at varying temperature and pressure conditions to a standard temperature and pressure base, metering inaccuracies, the effect of variations in company accounting and billing practices, differences between billing cycle and calendar-period time frames, and imbalances resulting from EIA's merger of data reporting systems, which vary in scope, format, definitions, and type of respondents. The balancing items in individual States may also reflect the underreporting on Form EIA-176 of gas transported across State borders for the account of others by some interstate pipelines.

### **Natural Gas Processed and Extraction Loss**

Extraction loss is the reduction in the volume of natural gas available for disposition resulting from the removal of natural gas liquid constituents at natural gas processing plants. It represents that portion of the "raw" gas stream that is transferred from the natural gas supply chain to the petroleum and natural gas liquids supply chain. Extraction loss does not include the reduction in volume resulting from the removal of nonhydrocarbon constituents or gas used as fuel, vented, flared, or otherwise disposed of within natural gas processing plants. Extraction loss also results in a reduction in the total heat (Btu) content of the natural gas stream equal to the heat content of the liquids extracted.

The Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production," collects data on the volume of natural gas received for processing, the total quantity of natural gas liquids produced, and the resulting shrinkage (defined as extraction loss in this report) from all natural gas processing- and cycling-plant operators. The quantity of natural gas received and liquids produced are reported by State of origin of the natural gas. Shrinkage volumes are calculated and reported by plant operators based upon the chemical composition of the liquids extracted using standard conversion factors specified in the form instructions. A description of the Form EIA-64A survey is presented in the EIA publication, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1996 Annual Report*.

The heat (Btu) content of liquids extracted is not reported on the Form EIA-64A. Therefore, in order to estimate the extraction loss heat content, data reported on the Form EIA-816, "Monthly Natural Gas Liquids Report," were used to determine the individual products contained in the total liquids

reported on Form EIA-64A. A description of the Form EIA-816 survey is presented in the EIA publication, *Petroleum Supply Annual 1996*, Volume II.

To estimate the quantities of individual products extracted in each State, data from the Form EIA-64A survey were used to determine the total liquids production, and data from the Form EIA-816 survey were used to estimate the quantities of the individual products contained in those total liquids.

The Form EIA-816 captures information on the quantity of individual components (i.e., ethane, propane, normal butane, isobutane, and pentanes plus) produced or contained in mixes of plant liquids as determined by chemical analysis. The volumetric ratios of the individual components to the total liquids, as calculated from the 12 monthly Form EIA-816 reports for each State, were applied to the annual total liquids production, as reported on the Form EIA-64A, to estimate the quantities of individual components removed at gas-processing plants (Table A4).

The heat (Btu) content of extracted liquids was estimated by applying conversion factors to the estimated quantities of products extracted in each State. These conversion factors, in million Btu per barrel of liquid produced, were ethane, 3.082; propane, 3.836; normal butane, 4.326; isobutane, 3.974; and pentane plus, 4.620. It should be noted that, at the State level, extraction losses are not necessarily related to State production. All gas processed in 9 States originated, or was produced in those States; but part of the gas processed in the other 15 States originated outside of the State in which the gas was processed. Gas produced from 9 States (Arizona, Indiana, Maryland, Missouri, New York, Oregon, South Dakota, Tennessee, and Virginia) was not processed.

For comparative purposes, the quantities of natural gas delivered to processing plants, total liquids extracted, and estimated volumetric and heat content extraction losses by State or origin of the gas (i.e., the State in which the gas was produced) are shown in Table A5.

### **Lease and Plant Fuel**

Lease and plant fuel represent those quantities of natural gas used in well, field, and/or lease operations (such as gas used in drilling operations, heaters, dehydrators, and field compressors) and as fuel in natural gas processing plants.

Lease fuel data were collected for report year 1996, on the Form EIA-895, "Monthly Quantity and Value of Natural Gas Report." Of the 30 States reporting on the Form EIA-895, 17 States reported quantities of natural gas used as lease fuel. Most of Nevada's marketed production is consumed as lease fuel, 11 million cubic feet. In the absence of reporting quantities on the Form EIA-895, the Form EIA-176 was used to estimate lease fuel quantities. Although EIA recognizes that lease data collected on the Form EIA-176 do not constitute a census or result from a statistically selected sample, the data



collected in the survey provide the best information available to the EIA for estimating such usage. To estimate lease use during 1996 (Table 14), several simplifying assumptions were made:

- The quantity of gas used for lease fuel was assumed to be a function of gross withdrawals of natural gas from gas and oil wells.
- The average proportion of company-owned on-system production reported as used in lease operations by respondents to the Form EIA-176 was assumed to be typical of the average use by all operators as a proportion of gross withdrawals.
- Average usage was calculated separately for Alaska and for the lower 48 States to reflect the distinctive field operations in Alaska, particularly on the North Slope.

Form EIA-176 respondents reported volumes of company-owned onsystem production amounting to 11 percent of 1996 gross withdrawals (36 percent of withdrawals in Alaska and 6.8 percent of withdrawals in the lower 48 States). Lease use reported by respondents averaged 0.02387 thousand cubic feet per thousand cubic feet of reported production in Alaska and 0.02283 thousand cubic feet per thousand cubic feet of reported production in the lower 48 States. The fuel-use estimates shown in Table 14 were calculated by applying the above ratios to the gross withdrawals from the various States (Table 3), not reporting lease use on the EIA-895.

## Marketed Production

Marketed production of natural gas is taken from responses to Part IV of the Form EIA-895. It is the quantity of natural gas produced that is available for marketing and is reported in Tables 3 and 7. It refers to quantities of gas available after processes related to production are complete. These processes are repressuring, pressure maintenance, cycling, venting and flaring, removing nonhydrocarbon gases, using fuel on the lease.

Average wellhead prices are calculated from volumes and values reported in Part IV of the Form EIA-895. These data are shown as "Reported Wellhead Value" in Table 7. The volumes in this section refer to the actual amounts of natural gas reported to the States as sold.

In many States, the marketed production volumes are larger than the reported wellhead value volumes. Differences in these volumes generally result from differences in definition

and reporting requirements for separate data systems in the State. For example, while production quantities of federal, tribal, and State royalty gas are included in marketed production, some State reporting rules exclude these quantities from reported wellhead value volumes.

## Census Divisions

The Bureau of the Census, U.S. Department of Commerce, has grouped the 50 States and the District of Columbia into Census divisions. Some of the tables and graphs in this report show data by Census division. These groupings are:

**New England:** Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

**Middle Atlantic:** New Jersey, New York, and Pennsylvania.

**East North Central:** Illinois, Indiana, Michigan, Ohio, and Wisconsin.

**West North Central:** Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota.

**South Atlantic:** Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia.

**East South Central:** Alabama, Kentucky, Mississippi, and Tennessee.

**West South Central:** Arkansas, Louisiana, Oklahoma, and Texas.

**Mountain:** Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming.

**Pacific Contiguous:** California, Oregon, and Washington.

**Pacific Noncontiguous:** Alaska and Hawaii

**Table A1. Comparison of Electric Utility Natural Gas Consumption Data by State, 1996**  
(Million Cubic Feet)

State	Form EIA-176	Form EIA-759	Difference	MDP <sup>a</sup>
Alabama.....	5,484	6,146	662	12.1
Alaska.....	30,824	31,767	942	3.1
Arizona.....	26,692	19,248	-7,444	38.7
Arkansas.....	27,880	33,988	6,107	21.9
California.....	307,570	318,035	10,465	3.4
Colorado.....	4,788	5,511	722	15.1
Connecticut.....	10,075	10,456	381	3.8
Delaware.....	21,979	23,370	1,391	6.3
Florida.....	270,519	283,557	13,038	4.8
Georgia.....	4,575	4,674	99	2.2
Illinois.....	28,718	25,863	-2,855	11.0
Indiana.....	7,837	4,330	-3,507	81.0
Iowa.....	2,850	3,491	640	22.5
Kansas.....	13,550	22,607	9,057	66.8
Kentucky.....	660	1,836	1,176	178.3
Louisiana.....	224,849	252,139	27,290	12.1
Maryland.....	9,724	8,455	-1,269	15.0
Massachusetts.....	45,756	45,037	-719	1.6
Michigan.....	26,452	32,559	6,107	23.1
Minnesota.....	3,551	5,301	1,749	49.3
Mississippi.....	58,088	83,251	25,163	43.3
Missouri.....	2,832	5,223	2,391	84.4
Montana.....	442	470	29	6.5
Nebraska.....	1,702	2,351	649	38.1
Nevada.....	47,039	46,766	-273	0.6
New Hampshire.....	0	3	3	0
New Jersey.....	25,885	25,825	-60	0.2
New Mexico.....	16,697	29,969	13,272	79.5
New York.....	142,499	142,688	190	0.1
North Carolina.....	2,363	2,381	18	0.8
North Dakota.....	3	3	0	1.4
Ohio.....	2,686	2,867	182	6.8
Oklahoma.....	143,508	136,436	-7,072	5.2
Oregon.....	13,127	14,015	888	6.8
Pennsylvania.....	5,809	7,239	1,430	24.6
Rhode Island.....	25,046	25,071	26	0.1
South Carolina.....	1,718	1,206	-512	42.5
South Dakota.....	0	725	725	—
Tennessee.....	688	572	-116	20.3
Texas.....	899,028	1,039,155	140,127	15.6
Utah.....	4,065	3,428	-636	18.6
Vermont.....	24	24	0	0
Virginia.....	14,402	10,275	-4,127	40.2
Washington.....	6,589	6,590	1	0
West Virginia.....	157	205	47	30.0
Wisconsin.....	7,256	7,303	46	0.6
Wyoming.....	61	87	26	42.1
<b>Total.....</b>	<b>2,496,050</b>	<b>2,732,496</b>	<b>236,447</b>	<b>9.5</b>

<sup>a</sup> Relative comparisons are expressed as the maximum difference percentage (MDP), or the absolute value of the difference between two volumes divided by the smaller of the two volumes, multiplied by 100.

— = Not applicable.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition" and Form EIA-759, "Monthly Power Plant Report."

**Table A2. Natural Gas Unaccounted for by State, 1992-1996**  
(Million Cubic Feet)

State	1992	1993	1994	1995	1996
Alabama.....	3,062	3,937	5,295	9,997	-2,954
Alaska.....	-14	1,206	2,669	-592	1,032
Arizona.....	53,366	168,056	-1,782	2,606	1,191
Arkansas.....	4,424	4,199	5,650	8,881	7,639
California.....	11,493	181,570	217,809	174,506	277,924
Colorado.....	9,372	18,893	9,023	8,734	6,652
Connecticut.....	946	2,682	1,491	3,826	1,055
D.C.....	620	610	528	1,006	784
Delaware.....	170	689	479	2,065	438
Florida.....	-275	2,234	6,063	3,554	-4
Georgia.....	6,624	5,346	2,104	3,712	1,666
Hawaii.....	16	24	53	21	88
Idaho.....	5,755	-6,264	5,572	8,893	-18,969
Illinois.....	17,107	10,576	5,205	30,648	10,867
Indiana.....	8,676	11,840	979	539	-3,307
Iowa.....	9,307	5,666	4,963	4,849	4,500
Kansas.....	17,699	12,330	4,819	14,287	7,904
Kentucky.....	6,660	8,238	4,534	9,808	9,410
Louisiana.....	15,242	16,283	58,677	10,248	19,555
Maine.....	26	24	-131	292	241
Maryland.....	6,019	-5,891	3,620	9,879	5,592
Massachusetts.....	331	-2,960	12,194	1,091	-5,692
Michigan.....	8,913	91,266	-14,398	4,028	16,836
Minnesota.....	-62,450	-183,638	-22,290	-32,466	6,703
Mississippi.....	8,000	9,503	35,595	21,441	13,047
Missouri.....	13,773	6,784	2,253	13,981	1,596
Montana.....	1,491	-1,713	79	-5,345	-6,233
Nebraska.....	2,292	2,227	22,179	2,403	4,354
Nevada.....	2,111	1,393	-1	533	1,479
New Hampshire.....	678	4,008	327	453	466
New Jersey.....	39,471	5,811	-31,893	1,790	-741
New Mexico.....	813	6,205	7,827	9,924	6,859
New York.....	28,140	99,726	84,704	18,129	940
North Carolina.....	2,414	5,208	2,906	7,640	1,300
North Dakota.....	-233	-260	728	-66	1,259
Ohio.....	8,537	17,285	10,641	31,518	16,344
Oklahoma.....	16,062	11,498	8,976	13,742	302
Oregon.....	-764	1,298	57	5,406	1,560
Pennsylvania.....	11,380	6,164	-1,317	18,220	-4,426
Rhode Island.....	-1,100	-960	-1,603	2,362	-646
South Carolina.....	1,110	1,064	298	2,315	846
South Dakota.....	413	445	999	1,107	994
Tennessee.....	6,920	8,280	2,884	8,123	11,613
Texas.....	17,549	-22,703	-28,206	-6,590	51,729
Utah.....	-6,193	5,267	6,461	5,669	15,207
Vermont.....	-3	103	14	802	1,817
Virginia.....	963	6,869	-831	8,328	4,810
Washington.....	247	51,049	68,028	66,580	68,447
West Virginia.....	10,233	3,420	7,790	8,561	5,044
Wisconsin.....	3,614	-345	1,218	5,402	-2,756
Wyoming.....	3,234	1,368	1,681	-1,784	3,911
<b>Total.....</b>	<b>294,236</b>	<b>575,911</b>	<b>514,924</b>	<b>521,057</b>	<b>548,274</b>

Source: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

**Table A3. Natural Gas Processed and Liquids Extracted at Natural Gas Processing Plants by State, 1996**

Plant Location	Volume of Natural Gas Delivered to Processing Plants <sup>a</sup> (million cubic feet)			Total Liquids Extracted <sup>b</sup> (thousand barrels)	Extraction Loss (million cubic feet)
	State Production	Out of State Production	Natural Gas Processed		
Alabama.....	111,656	1,212	112,868	4,009	5,361
Alaska.....	2,987,364	0	2,987,364	33,346	38,453
Arkansas.....	214,868	4,609	219,477	383	479
California.....	240,566	0	240,566	9,798	12,169
Colorado.....	493,748	215	493,963	16,735	23,362
Florida.....	5,900	2,614	8,514	1,630	1,649
Illinois.....	578	0	578	63	64
Kansas.....	825,825	144,338	970,163	35,285	47,996
Kentucky.....	44,151	1,864	46,015	1,692	2,385
Louisiana.....	4,496,445	156,232	4,652,677	101,716	139,841
Michigan.....	117,119	0	117,119	4,810	6,399
Mississippi.....	4,521	0	4,521	254	340
Montana.....	10,106	35	10,141	431	576
New Mexico.....	1,129,523	75	1,129,598	75,476	108,341
North Dakota.....	47,942	0	47,942	3,860	4,937
Ohio.....	2,477	0	2,477	64	85
Oklahoma.....	1,052,170	1,953	1,054,123	70,165	100,379
Pennsylvania.....	7,728	2,613	10,341	458	603
Texas.....	4,139,267	40,795	4,180,062	279,650	398,442
Utah.....	252,781	12,765	265,546	9,547	10,970
West Virginia.....	70,552	157	70,709	4,849	7,093
Wyoming.....	844,009	1,244	845,253	35,093	48,254
<b>Total.....</b>	<b>17,099,296</b>	<b>370,721</b>	<b>17,470,017</b>	<b>689,314</b>	<b>958,178</b>

<sup>a</sup> "State Production" refers to gas delivered to processing plants located in the same State in which the gas was produced. "Out of State Production" refers to gas produced in other States and delivered to plants located in the State listed for processing.

<sup>b</sup> "Totals Liquids Extracted" represents the total quantity of liquids extracted from natural gas at natural gas processing plants located in the State.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA), Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production."

**Table A4. Estimated Composition of Liquids Extracted at Natural Gas Processing Plants and the Resulting Heat Content Extraction Loss by State, 1996**  
(Liquid Volumes in Thousand Barrels, Heat Content in Billion Btu)

State	Estimated Components and Products in Liquids Extracted <sup>a</sup>					Estimated Heat Content Extraction Loss <sup>b</sup>
	Ethane	Propane	Isobutane	N-Butane	Pentanes Plus	Heat Content
Alabama.....	54	1,404	208	1,064	1,278	16,890
Alaska .....	0	902	3,176	9,715	19,553	148,444
Arkansas .....	47	81	39	68	148	1,589
California.....	12	3,190	2,571	-168	3,857	41,037
Colorado .....	6,237	4,825	871	1,962	2,839	62,801
Florida.....	623	528	0	330	149	6,061
Illinois.....	0	26	0	0	37	271
Kansas.....	4,790	16,576	4,691	3,541	5,687	138,582
Kentucky.....	209	917	81	290	196	6,640
Louisiana.....	33,909	29,210	9,887	10,118	18,592	385,513
Michigan.....	962	1,565	650	550	1,082	18,933
Mississippi.....	0	75	0	76	103	1,092
Montana.....	0	170	22	120	119	1,808
New Mexico.....	33,634	21,302	3,868	7,831	8,841	275,468
North Dakota.....	3	1,722	0	1,098	1,037	16,156
Ohio .....	0	27	0	18	18	269
Oklahoma .....	30,111	21,017	3,289	7,302	8,446	257,103
Pennsylvania.....	0	213	45	109	91	1,888
Texas.....	109,012	78,314	39,056	7,212	46,056	1,035,573
Utah.....	3,327	2,565	166	1,120	2,369	36,543
West Virginia.....	1,904	1,621	243	522	559	17,893
Wyoming.....	7,447	13,307	2,945	4,796	6,597	136,930
<b>Total .....</b>	<b>232,281</b>	<b>199,557</b>	<b>71,808</b>	<b>57,674</b>	<b>127,654</b>	<b>2,607,484</b>

<sup>a</sup> The liquid quantities shown are the estimated quantities of individual components and products contained in the liquids at the point at which the liquids were extracted from the natural gas. The estimates are based upon the assumption that the liquids extracted in each State were composed of natural gas components and products in the same proportions as those ultimately fractionated at processing and fractionating plants within the State. The quantities ultimately extracted in each State were obtained from unpublished summaries of the 12 monthly reports on Form EIA-816. For each State, ratios of the quantities of each component and product ultimately fractionated to the total quantity of liquids fractionated were developed. Those ratios were applied to the total liquids quantities extracted from natural gas in each State (see Table A3) to derive the estimated component and product quantities shown.

<sup>b</sup> Extraction loss represents that portion of the natural gas stream which was transferred to the petroleum and natural gas liquids supply chain as a result of the removal of part of the natural gas constituents in the form of natural gas liquids at natural gas processing plants. Estimates of the heat content extraction loss, i.e., the heat content of the extracted liquids, were computed using the following average heat content conversion factors (million Btu per barrel): ethane, 3.082; propane, 3.836; normal butane, 4.326; isobutane, 3.974; and pentanes plus, 4.620.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Estimated Components and Products in Liquids Extracted: Total liquids from Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production," apportioned to components and products based upon quantities of components and products fractionated as reported on Energy Information Administration (EIA), Form EIA-816, "Monthly Natural Gas Liquids Report" (see footnote a above). Heat Content extraction loss conversion factors (see footnote b above): Energy Information Administration, *Annual Energy Review*, 1996.

**Table A5. Natural Gas Processed, Liquids Extracted, and Estimated Extraction Loss by State of Origin (Production) of Natural Gas, 1996**

State	Volume of Natural Gas Delivered to Processing Plants (million cubic feet)			Total Liquids Extracted (thousand barrels)	Extraction Loss	
	Located Within the State	Located Outside of the State	Total Processed		Volume (million cubic feet)	Estimated Heat Content (billion Btu)
Alabama.....	111,656	2,614	114,270	4,476	5,810	18,610
Alaska.....	2,987,364	0	2,987,364	33,346	38,453	148,444
Arkansas.....	214,868	161	215,029	237	474	977
California.....	240,566	0	240,566	9,798	12,169	41,037
Colorado.....	493,748	1,249	494,997	16,891	23,420	63,411
Florida.....	5,900	0	5,900	1,130	1,143	4,202
Illinois.....	578	0	578	63	64	271
Kansas.....	825,825	2,731	828,556	30,617	41,115	120,221
Kentucky.....	44,151	24	44,175	2,635	2,291	10,113
Louisiana.....	4,496,445	7,934	4,504,379	99,036	135,902	375,303
Michigan.....	117,119	0	117,119	4,810	6,399	18,933
Mississippi.....	4,521	1,227	5,748	288	398	1,235
Montana.....	10,106	352	10,458	471	594	1,963
New Mexico.....	1,129,523	561	1,130,084	75,477	108,387	275,472
North Dakota.....	47,942	35	47,977	3,864	4,939	16,173
Ohio.....	2,477	0	2,477	64	85	269
Oklahoma.....	1,052,170	83,331	1,135,501	74,315	105,759	272,905
Pennsylvania.....	7,728	133	7,861	385	464	1,585
Tennessee.....	0	1,864	1,864	29	97	114
Texas.....	4,139,267	252,912	4,392,179	282,979	403,822	1,048,895
Utah.....	252,781	215	252,996	9,282	10,453	35,528
West Virginia.....	70,552	2,613	73,165	3,950	7,230	14,609
Wyoming.....	844,009	12,765	856,774	35,171	48,710	137,214
<b>Total.....</b>	<b>17,099,296</b>	<b>370,721</b>	<b>17,470,017</b>	<b>689,314</b>	<b>958,178</b>	<b>2,607,484</b>

Notes: This table shows the volume of natural gas delivered to processing plants, the quantity of natural gas liquids extracted, and the estimated volumetric and heat content extraction losses traced back to the State of origin of the gas, i.e., to the State from which the gas was produced whether processed within or outside of the producing State. Totals may not equal sum of components due to independent rounding.

Sources: Natural gas delivered to plants, and total liquids extracted: Energy Information Administration (EIA), Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production." Extraction Loss: Extraction loss volumes (Table A3) and estimated heat contents (Table A4) apportioned to State of origin based upon the origin of gas processed as reported on Form EIA-64A.

## **Appendix B**

### **Metric and Thermal Conversion Tables**

# Metric and Thermal Conversion Tables

### Metric Conversions

Table B1 presents Summary Statistics for Natural Gas in the United States for 1992 through 1996 in metric units of measure. Volumes are shown in cubic meters instead of cubic feet. Prices are shown in dollars per thousand cubic meters instead of dollars per thousand cubic feet. The data in this table have been converted from the data that appear in Table 1 of this report.

### Thermal Conversions

Table B2 presents the thermal (Btu) conversion factors and the converted data for natural gas supply and disposition from 1992 through 1996. A brief documentation for the thermal conversion factors follows:

- *Marketed Production.* The conversion factor is calculated by adding the total heat content of dry production to the total heat content of extraction loss and dividing the resulting sum by the total quantity of dry production and extraction loss (see below).
- *Extraction Loss.* The conversion factor is obtained from Appendix A of this publication.
- *Dry Production.* The conversion factor is assumed to be the same as the thermal conversion factors for consumption (see below).
- *Receipts at U.S. Borders.* The conversion factor for imports was obtained from the discontinued Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas." The 1994 conversion factor has been applied to 1995 and 1996 volume data. Intransit receipts are assumed to have the same average heat content as imports.
- *Withdrawals from Storage.* Both underground and LNG storage withdrawals are assumed to have the same heat content as consumption (see below).
- *Supplemental Gas Supplies.* This conversion factor is assumed to be the same as that for consumption (see below).
- *Balancing Item.* This conversion factor is calculated by subtracting the total heat content of all other items of supply from the heat content of total disposition (from Table B2) and dividing the difference by the balancing item quantity.
- *Consumption.* The thermal conversion factor for total consumption (lease fuel, plant fuel, pipeline fuel, and deliveries to consumers) is the average heat content for deliveries to end users as reported on Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition." Average heat content of electric utility consumption is obtained from EIA's *Electric Power Annual*. The factor for nonutility consumption is calculated by subtracting the total heat content of electric utility consumption from the heat content of total consumption and dividing the difference by the quantity of nonutility consumption (total consumption less electric utility consumption).
- *Deliveries at U.S. Borders.* The conversion factor for exports was obtained from the discontinued Form FPC-14. The 1994 conversion factor has been applied to 1995 and 1996 volume data. Intransit deliveries are assumed to have the same average heat content as exports.
- *Additions to Storage.* Additions to both underground and LNG storage are assumed to have the same heat content as consumption (see above).



**Table B1. Summary Statistics for Natural Gas in the United States, Metric Equivalents, 1992-1996**

	1992	1993	1994	1995	1996
<b>Reserves (billion cubic meters)</b>					
Estimated Proved Reserves (dry) as of December 31 .....	4,673	4,599	4,639	4,676	4,714
<b>Number of Gas and Gas Condensate Wells</b> Producing at End of Year.....	275,414	282,152	291,773	298,541	301,811
<b>Production (million cubic meters)</b>					
Gross Withdrawals					
From Gas Wells.....	457,738	472,640	491,327	489,373	500,664
From Oil Wells .....	168,977	170,878	176,404	182,972	180,403
Total.....	626,716	643,519	667,731	672,345	681,067
Repressuring .....	-84,173	-87,868	-91,482	-100,950	-99,401
Nonhydrocarbon Gases Removed .....	-7,939	-11,722	-11,672	-10,998	-14,680
Wet After Lease Separation.....	534,603	543,929	564,577	560,396	566,986
Vented and Flared .....	-4,744	-6,421	-6,466	-8,035	-7,705
Marketed Production.....	529,859	537,508	558,112	552,362	559,280
Extraction Loss .....	-24,690	-25,102	-25,160	-25,706	-27,133
Total Dry Production .....	505,170	512,406	532,952	526,656	532,148
<b>Supply (million cubic meters)</b>					
Dry Production .....	505,170	512,406	532,952	526,656	532,148
Receipts at U.S. Borders					
Imports.....	60,527	66,548	74,299	80,450	83,178
Intransit Receipts .....	13,767	9,177	13,812	13,946	15,187
Withdrawals from Storage					
Underground Storage .....	77,129	76,939	71,023	84,217	82,440
LNG Storage.....	1,374	2,327	2,002	1,428	1,962
Supplemental Gas Supplies .....	3,339	3,370	3,138	3,123	3,099
Balancing Item .....	-14,373	-3,103	-11,768	-6,513	7,899
Total Supply.....	646,933	667,664	685,458	703,307	725,913
<b>Disposition (million cubic meters)</b>					
Consumption.....	553,435	574,240	586,377	611,096	622,036
Deliveries at U.S. Borders					
Exports.....	6,124	3,970	4,580	4,364	4,344
Intransit Deliveries .....	13,767	9,177	13,380	13,946	15,187
Additions to Storage					
Underground Storage .....	72,361	78,147	79,182	72,658	82,277
LNG Storage.....	1,247	2,130	1,939	1,243	2,069
Total Disposition .....	646,933	667,664	685,458	703,307	725,913
<b>Consumption (million cubic meters)</b>					
Lease Fuel .....	20,112	20,476	19,817	22,436	22,654
Pipeline Fuel .....	16,642	17,678	19,407	19,831	20,146
Plant Fuel.....	13,042	12,709	12,003	12,115	12,744
Delivered to Consumers					
Residential .....	132,808	140,351	137,272	137,346	148,420
Commercial.....	79,365	81,031	81,978	85,831	89,432
Industrial .....	213,138	226,009	231,265	242,947	251,182
Vehicle Fuel.....	14	27	49	76	83
Electric Utilities .....	78,313	75,958	84,587	90,515	77,376
Total Delivered to Consumers .....	503,639	523,376	535,150	556,714	566,493
Total Consumption.....	553,435	574,240	586,377	611,096	622,036
<b>Delivered for the Account of Others</b> <b>(million cubic meters)</b>					
Residential .....	1,173	1,255	1,199	1,282	1,392
Commercial.....	13,337	13,028	16,963	19,996	20,011
Industrial .....	148,624	159,846	173,099	184,551	202,519
Electric Utilities .....	48,064	46,962	59,242	59,757	52,995

See footnotes at end of table.

**Table B1. Summary Statistics for Natural Gas in the United States, Metric Equivalents, 1992-1996**  
(Continued)

	1992	1993	1994	1995	1996
<b>Firm Deliveries (million cubic meters)</b>					
Residential .....	NA	NA	137,167	137,234	148,270
Commercial .....	NA	NA	72,477	75,051	79,271
Industrial .....	NA	NA	134,055	145,550	152,584
Electric Utilities .....	NA	NA	44,762	49,808	42,670
Vehicle Fuel .....	NA	NA	38	69	76
<b>Interruptible Deliveries (million cubic meters)</b>					
Residential .....	NA	NA	NA	112	150
Commercial .....	NA	NA	9,501	10,779	10,160
Industrial .....	NA	NA	97,210	97,397	98,599
Electric Utilities .....	NA	NA	34,276	32,504	28,011
Vehicle Fuel .....	NA	NA	11	6	7
<b>Number of Consumers</b>					
Residential .....	52,331,397	52,535,411	53,392,557	54,322,179	55,263,673
Commercial .....	4,409,699	4,464,906	4,533,905	4,636,500	4,720,227
Industrial .....	209,616	209,666	202,940	209,398	206,049
<b>Average Annual Consumption per Consumer (thousand cubic meters)</b>					
Residential .....	3	3	3	3	3
Commercial .....	18	18	18	19	19
Industrial .....	1,017	1,078	1,140	1,160	1,219
<b>Average Prices for Natural Gas (dollars per thousand cubic meters)</b>					
Wellhead (Marketed Production) .....	61.45	72.04	65.33	54.74	76.63
Imports .....	65.33	71.69	66.04	52.62	69.57
Exports .....	79.46	91.46	88.29	84.40	104.88
Pipeline Fuel .....	73.10	69.57	60.03	52.62	80.16
City Gate .....	106.30	113.36	108.42	98.17	115.48
<b>Delivered to Consumers</b>					
Residential .....	208.00	217.54	226.37	214.01	223.89
Commercial .....	172.34	184.34	192.11	178.34	190.70
Industrial .....	100.29	108.42	107.71	95.70	120.78
Vehicle Fuel .....	143.02	150.79	145.14	140.55	153.27
Electric Utilities .....	83.34	92.17	80.52	71.34	95.00

NA = Not available.  
Notes: Beginning in 1987, prices for gas delivered to consumers are calculated using only on-system sales data. No imputations are made for prices of gas delivered for the account of others. In previous years, prices were calculated using reported values and values imputed for gas delivered for the account of others. The United States includes the 50 States and the District of Columbia. Totals may not equal sum of components due to independent rounding. In 1996, consumption of natural gas for agricultural use is classified as industrial use. In 1995 and earlier years, agricultural use was classified as commercial use.

Sources: Energy Information Administration (EIA), Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"; Form EIA-816, "Monthly Natural Gas Liquids Report"; Form EIA-759, "Monthly Power Plant Report"; Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"; Form EIA-191, "Underground Gas Storage Report"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, Annual Reports*, DOE/EIA-0216; and the U.S. Minerals Management Service.

**Table B2. Thermal Conversion Factors and Data, 1992-1996**

	1992	1993	1994	1995	1996
<b>Conversion Factor (Btu per cubic foot)</b>					
<b>Production</b>					
Marketed.....	1,110	1,106	1,105	1,106	1,109
Extraction Loss .....	2,753	2,740	2,735	2,730	2,721
<b>Total Dry Production .....</b>	<b>1,030</b>	<b>1,027</b>	<b>1,028</b>	<b>1,027</b>	<b>1,027</b>
<b>Supply</b>					
Dry Production.....	1,030	1,027	1,028	1,027	1,027
Receipts at U.S. Borders					
Imports.....	1,011	1,020	1,022	1,021	1,022
Intransit Receipts .....	1,011	1,020	1,022	1,021	1,022
Withdrawals from Storage					
Underground Storage .....	1,030	1,027	1,028	1,027	1,027
LNG Storage.....	1,030	1,027	1,028	1,027	1,027
Supplemental Gas Supplies .....	1,030	1,027	1,028	1,027	1,027
Balancing Item .....	949	997	937	988	1,047
<b>Total Supply .....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Disposition</b>					
Consumption.....	1,030	1,027	1,028	1,027	1,027
(Electric Utility) .....	(1,022)	(1,022)	(1,022)	(1,025)	(1,024)
(Non-Utility) .....	(1,031)	(1,028)	(1,029)	(1,027)	(1,027)
Deliveries at U.S. Borders					
Exports.....	1,018	1,016	1,011	1,011	1,011
Intransit Deliveries .....	1,018	1,016	1,011	1,011	1,011
Additions to Storage					
Underground Storage .....	1,030	1,027	1,028	1,027	1,027
LNG Storage.....	1,030	1,027	1,028	1,027	1,027
<b>Total Disposition .....</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Summary Data (billion Btu)</b>					
<b>Production</b>					
Marketed.....	20,775,302	21,344,603	21,702,261	21,579,527	21,872,901
Extraction Loss .....	-2,400,203	-2,428,668	-2,430,350	-2,478,684	-2,607,484
<b>Total Dry Production .....</b>	<b>18,375,100</b>	<b>18,915,935</b>	<b>19,271,911</b>	<b>19,100,844</b>	<b>19,265,417</b>
<b>Supply</b>					
Dry Production.....	18,375,100	18,915,935	19,271,911	19,100,844	19,265,417
Receipts at U.S. Borders					
Imports.....	2,161,448	2,398,159	2,682,436	2,901,166	3,002,256
Intransit Receipts .....	491,511	330,718	498,653	502,902	548,172
Withdrawals from Storage					
Underground Storage .....	2,805,487	2,790,425	2,561,187	3,054,402	2,989,933
LNG Storage.....	49,990	84,408	72,668	51,808	71,157
Supplemental Gas Supplies .....	121,457	122,212	113,929	113,268	112,410
Balancing Item .....	-481,767	-412,557	-277,959	-227,156	326,397
<b>Total Supply .....</b>	<b>23,523,226</b>	<b>24,229,301</b>	<b>24,922,825</b>	<b>25,497,233</b>	<b>26,315,742</b>
<b>Disposition</b>					
Consumption.....	20,130,695	20,846,168	21,336,624	22,163,343	22,559,201
(Electric Utility) .....	(2,826,451)	(2,741,453)	(3,052,864)	(3,276,420)	(2,798,076)
(Non-Utility) .....	(17,304,244)	(18,104,715)	(18,283,760)	(18,886,922)	(19,761,125)
Deliveries at U.S. Borders					
Exports.....	220,211	142,405	163,522	155,799	155,115
Intransit Deliveries .....	494,912	329,229	477,710	497,849	542,354
Additions to Storage					
Underground Storage .....	2,632,055	2,834,251	2,874,574	2,635,161	2,984,043
LNG Storage.....	45,354	77,248	70,395	45,082	75,029
<b>Total Disposition .....</b>	<b>23,523,226</b>	<b>24,229,301</b>	<b>24,922,825</b>	<b>25,497,233</b>	<b>26,315,742</b>

NA = Not available.  
Notes: See accompanying text for conversion factor documentation. Items appearing in parentheses are subsets of other items for which data are shown in this table and are not involved in the summing of supply and disposition. Totals may not equal sum of components due to independent rounding.  
Sources: Energy Information Administration (EIA), Form EIA-627, "Annual Quantity and Value of Natural Gas Report" (1992 through 1995); Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" (1996); Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"; Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"; Form FPC-14, "Annual Report for Importers and Exporters of Natural Gas" (1992 through 1994); Office of Fossil Energy, U.S. Department of Energy, Natural Gas Imports and Exports (1995 and 1996); Forms EIA-191/FERC-8, "Underground Gas Storage Report"; and Form EIA-767, "Steam-Electric Plant Operating and Design Report."

## **Appendix C**

### **Selected Natural Gas and Related Reports**

# Selected Natural Gas and Related Reports

### ***Recurring Natural Gas Reports***

- *Natural Gas Monthly*, DOE/EIA-0130. Published monthly.

### ***Other Reports Covering Natural Gas, Natural Gas Liquids, and Other Energy Sources***

- *Monthly Energy Review*, DOE/EIA-0035. Published monthly. Provides national aggregate data for natural gas, natural gas liquids, and other energy sources.
- *Short-Term Energy Outlook*, DOE/EIA-0202. Published quarterly. Provides forecasts for next six quarters for natural gas and other energy sources.
- *Natural Gas 1996: Issues and Trends*, DOE/EIA-0560(96), December 1996.
- *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves -1996 Annual Report*, DOE/EIA-0216(96)/Advance Summary, September 1997.
- *Annual Energy Review 1996*, DOE/ EIA-0384(96), July 1997. Published annually.
- *State Energy Data Report, Consumption Estimates, 1960-1994*, DOE/EIA-0214(94), October 1996.

- *Annual Report to Congress 1996*, DOE/ EIA-0173(96), July 1997. Published annually.
- *Annual Energy Outlook 1997*, DOE/ EIA-0383(97), December 1996. Published annually.
- *State Energy Price and Expenditure Report 1970-1994*, DOE/EIA-0376(94), June 1997.

### **@4TH HEAD = One-Time Reports**

- *The Value of Underground Storage in Today's Natural Gas Industry*, DOE/EIA-0591, March 1995.
- *Energy Policy Act Transportation Study: Interim Report of Natural Gas Flows and Rates*, DOE/EIA-0602, October 1995.
- *Natural Gas Productive Capacity for the Lower 48 States 1980 Through 1995*, DOE/EIA-0542(95), July 1994.

### ***Reference Reports***

- *Directory of Energy Data Collection Forms*, DOE/ EIA-0249(95), January 1996.
- *Oil and Gas Field Code Master List, 1995*, EIA-0370(95), December 1996.

## **Appendix D**

**Natural Gas  
Electronic  
Products**

## Natural Gas Electronic Products

In addition to printed publications, the Energy Information Administration distributes information concerning the natural gas industry in a variety of electronic formats through several media. Two main types of products are available electronically: *viewable documents* that may be read or printed and *post-processable files* that may be directly used as input to a computer application without additional keying and checking of data.

Viewable documents represent complete or selected sections of publications including text, tables, and graphs. They may be as specific as single tables or as general as an entire

publication. Post-processable documents on the other hand are either macro-level representations of information in published tables or micro-level respondent information representing responses on a specific nonconfidential survey.

The media used to distribute these electronic publications include: (1) The Energy Information Administration's Internet site (<http://www.eia.doe.gov> or <ftp://ftp.eia.doe.gov>); (2) Dial-in access through the Energy Information Administration's EPUB electronic bulletin board or through the Economic Bulletin Board of the Department of Commerce and the COGIS system; (3) The Energy Information Administration's quarterly CD-ROM (Info-Disk); and (4) diskettes.

	Internet	Dial-In	Infodisk	E-Mail	Diskette
ANNUAL PUBLICATIONS					
Natural Gas Annual, 1996 Provides information on supply and disposition of natural gas in the United States. Information is provided nationally, regionally, and by State for 1996.	V P		V P		P
Historical Natural Gas Annual, 1930 through 1996 Contains historical information about supply and disposition of natural gas at the national, regional, and State level, as well as prices at selected points in the flow of gas from wellhead to burnertip.	P		P		P
Natural Gas 1996: Issues and Trends Examines how industry restructuring continues to expand choices, and challenges, for industry, participants, and natural gas customers.	V		V		
Natural Gas 1995: Issues and Trends Addresses current issues affecting the natural gas industry and markets, and analyzes trends in the most recent natural gas data.	V		V		
Natural Gas 1994: Issues and Trends Provides an overview of the natural gas industry in 1993 and early 1994, focusing on the overall ability to deliver gas under the new regulatory mandates of the Federal Energy Regulatory Commission's Order 636.	V		V		
Oil and Gas Products List 1994-1995 Brief descriptions of the various information products prepared by the Office of Oil and Gas.	V		V		

V = Viewable

P = Post-Processable

E = Automatic E-Mail Updates

	Internet	Dial-In	Infodisk	E-Mail	Diskette
U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves Annual Report, 1996 1996 national and State estimates of reserves, reserve changes, and production, plus industry highlights.	V		V		
Natural Gas Productive Capacity for the Lower 48 States 1985-1997 Analysis of monthly natural gas wellhead productive capacity.	V		V		
MONTHLY PUBLICATIONS					
Natural Gas Monthly, from the previous 12 months Entire Publication in viewable format.	V		V		
OTHER PUBLICATIONS					
Natural Gas Weekly Market Update Analysis of current price, supply and storage data along with a two week snapshot of the weather in four distinct metropolitan areas.	V				
Natural Gas 1996: Preliminary Highlights This Special Focus, which was featured in the April 1997 issue of the <i>Natural Gas Monthly</i> , presents events that affected the natural gas industry during 1996.	V	P			
Energy Policy Act Transportation Study: Interim Report on Natural Gas Flow and Rates (EPACT) Analysis of natural gas transportation rates and distribution patterns for the period 1988 through 1994.	V		V		
Oil Production Capacity Extension Cost for the Persian Gulf Quantifies the cost of expanding oil production capacity for the Persian Gulf based on geologic plays and fields rather than country-level economics. Development costs and volumes are estimated for the next 15 years.	V		V		
Costs and Indices for Domestic Oil and Gas Fields Equipment and Production Operations 1992-1995 Cost of equipment and operation of oil and gas wells in the lower 48 States.	V		V		
Drilling Sideways- A Review of Horizontal Well Technology and the Domestic Application April 1993 report presenting salient aspects of current and near-future horizontal drilling and completion technology.	V		V		
International Oil and Gas Exploration and Development Compilation of country-level data and assessment of regional trends relating to upstream aspects of global oil and gas supply.	V		V		
Oil and Gas Field Code Master List Comprehensive listing of U.S. oil and gas field names as of October 1996.	V		V		
Oil and Gas Resources of the Fergana Basin (Uzbekistan, Tadzhikistan, and Kyrgyzstan) Reservoir level assessments of oil and gas ultimate recovery in the former Soviet Union area.	V		V		

V = Viewable      P = Post-Processable      E = Automatic E-Mail Updates



	Internet	Dial-In	InfoDisk	E-Mail	Diskette
Oil and Gas Resources of the Fergana Basin (Uzbekistan, Tadjikistan, and Kyrgyzstan) Reservoir level assessments of oil and gas ultimate recovery in the former Soviet Union area.	V		V		
The Value of Underground Storage in Today's Natural Gas Industry. Explores the significant and changing role of storage in the industry.	V		V		
U.S. Oil and Gas Development in the Early 1900's Analyses of the growing prominence of smaller energy companies in U.S. oil and gas production	V		V		
ANNUAL DATA					
Natural Gas Supply and Disposition, by State 1996					
Natural Gas Summary, United States by Year 1990-1996	V P	V P			
1996 Natural Gas Annual Volume 1 data Self-extracting file containing data (in comma-delimited format) that appear in the tables in Volume 1 of the 1996 <i>Natural Gas Annual</i> .	P		P		P
1996 Historical Natural Gas Annual data Self-extracting file containing historical information (in comma-delimited format) found in the tables in Volume 2 of the 1995 <i>Natural Gas Annual</i> . Annual historical data at the national level are presented for 1930-1996. Annual information by State and region is presented for 1967-1996.	P		P		P
1996 Data reported on Form EIA-176 A self-extracting compressed file containing data reported on Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for 1996.	P				P
1995 Data reported on Form EIA-176 A self-extracting compressed file containing data reported on Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for 1995.	P				P
Data archive of historical reserves estimates for U.S. Crude Oil, Natural Gas, and Natural Gas Liquids National, State, and State subregion data published in the reserves balance tables of <i>U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves</i> from 1977 forward.	P				P
MONTHLY DATA					
Natural Gas Production, United States by Month 1989-forward	P	P			
Natural Gas Supply and Disposition 1989-forward	P	P		E	
Natural Gas Imports and Exports 1989-forward	P	P			
Natural Gas Underground Storage: United States Total by Month 1989-forward	P	P		E	
Natural Gas Prices: United States Total by Month 1989-forward	P	P		E	
Natural Gas Consumption by Sector: United States Total by Month 1989-forward	P	P		E	
SELF-EXTRACTING COMPRESSED DATA FILE ARCHIVES					
Natural Gas Consumption and Prices, for most recent 2-3 years	P	P			
Natural Gas Consumption and Prices, for 1984-1996	P	P			

V = Viewable

P = Post-Processable

E = Automatic E-Mail Updates

# Glossary

**Balancing Item:** Represents differences between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to quantities lost or to the effects of data-reporting problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data-reporting systems that vary in scope, format, definitions, and type of respondents.

**Biomass Gas:** A medium Btu gas containing methane and carbon dioxide, resulting from the action of microorganisms on organic materials such as a landfill.

**British Thermal Unit (Btu):** The quantity of heat required to raise the temperature of 1 pound of water by 1 degree Fahrenheit at or near 39.2 degrees Fahrenheit.

**City Gate:** A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

**Coke Oven Gas:** The gaseous portion of volatile substances driven off in the coking process after other coal chemicals are removed.

**Commercial Consumption:** Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services. Included are such establishments as hotels, restaurants, wholesale and retail stores and other service enterprises; gas used by establishments engaged in forestry and fisheries; and gas used by local, State, and Federal agencies engaged in nonmanufacturing activities.

**Delivered:** The physical transfer of natural, synthetic, and/or supplemental gas from facilities operated by the responding company to facilities operated by others or to consumers.

**Dry Natural Gas Production:** Marketed production less extraction loss.

**Electric Utility:** An enterprise that is engaged in the generation, transmission, or distribution of electric energy

primarily for use by the public and that is the major power supplier within a designated service area. Electric utilities include investor-owned, publicly-owned, cooperatively-owned, and government-owned (municipals, Federal agencies, State projects, and public power districts) systems.

**Electric Utility Consumption:** Gas used as fuel in electric utility plants.

**Exports:** Natural gas deliveries out of the continental United States and Alaska to foreign countries.

**Extraction Loss:** The reduction in volume of natural gas due to the removal of natural gas liquid constituents such as ethane, propane, and butane at natural gas processing plants.

**Flared:** Natural gas burned in flares at the base site or at gas-processing plants.

**Gas Condensate Well:** A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as "condensate."

**Gas Well:** A well completed for the production of natural gas from one or more gas zones or reservoirs.

**Gross Withdrawals:** Full well-stream volume, including all natural gas plant liquids and all nonhydrocarbon gases, but excluding lease condensate.

**Heating Value:** The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

**Imports:** Gas receipts into the United States from a foreign country.

**Industrial Consumers:** Establishments engaged in a process which creates or changes raw or unfinished materials into another form or product. Generation of electricity, other than by electric utilities, and agricultural uses are included.

**Industrial Consumption:** Natural gas used by manufacturing and mining establishments and for agricultural purposes for heat, power, and chemical feedstock.

**Intransit Deliveries:** Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

**Intransit Receipts:** Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

**Lease Fuel:** Natural gas used in well, field, and lease operations such as gas used in drilling operations, heaters, dehydrators, and field compressors.

**Liquefied Natural Gas (LNG):** Natural gas (primarily methane) that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

**Manufactured Gas:** A gas obtained by destructive distillation of coal, or by the thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. Examples are coal gases, coke oven gases, producer gas, blast furnace gas, blue (water) gas, carbureted water gas. Btu content varies widely.

**Marketed Production:** Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations.

**Natural Gas:** A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or in solution with crude oil in natural underground reservoirs at reservoir conditions.

**Natural Gas, Wet After Lease Separation:** The volume of natural gas remaining after removal of lease condensate in lease and/or field separation facilities, if any, and after exclusion of nonhydrocarbon gases where they occur in sufficient quantity to render the gas unmarketable. Natural gas liquids may be recovered from volumes of natural gas, wet after lease separation, at natural gas processing plants.

**Nonhydrocarbon Gases:** Typical nonhydrocarbon gases which may be present in reservoir natural gas, such as carbon dioxide, helium, hydrogen sulfide, and nitrogen.

**Nonutility Power Producers:** A company which owns electric generating capacity and is not an electric utility. Nonutility power producers include qualifying cogenerators, qualifying small power producers, and other nonutility generators including independent power producers.

**Offshore Reserves and Production:** Unless otherwise indicated, reserves and production that are in either State or Federal domains, located seaward of the coastline.

**Oil Well (Casinghead) Gas:** Associated and dissolved gas produced along with crude oil from oil completions.

**Outer Continental Shelf:** Offshore Federal domain.

**Pipeline:** A continuous pipe conduit, complete with such equipment as valves, compressor stations, communications systems, and meters, for transporting natural and/or supplemental gas from one point to another, usually from a point in or beyond the producing field or processing plant to another pipeline or to points of use. Also refers to a company operating such facilities.

**Pipeline Fuel:** Gas consumed in the operation of pipelines, primarily in compressors.

**Plant Fuel:** Natural gas used as fuel in natural gas processing plants.

**Production, Wet After Lease Separation:** Gross withdrawals less gas used for repressuring and nonhydrocarbon gases removed in treating or processing operations.

**Propane-air:** A mixture of propane and air resulting in a gaseous fuel suitable for pipeline distribution.

**Proved Reserves:** The estimated quantities that analysis of geological and engineering data demonstrate with reasonable certainty to be recoverable in future years from known oil and gas reservoirs under existing economic and operating conditions.

**Receipts:** Gas physically transferred into the responding company's transportation, storage, and/or distribution facilities.

**Refinery Gas:** Noncondensate gas collected in petroleum refineries.

**Repressuring:** The injection of gas into oil or gas reservoir formations to effect greater ultimate recovery.

**Residential Consumption:** Gas used in private dwellings, including apartments, for heating, air-conditioning, cooking, water heating, and other household uses.

**Storage Additions:** Volumes of gas injected or otherwise added to underground natural gas reservoirs or liquefied natural gas storage.

**Storage Withdrawals:** Volumes of gas withdrawn from underground storage or liquefied natural gas storage.

**Supplemental Gaseous Fuels Supplies:** Synthetic natural gas, propane-air, coke oven gas, refinery gas, biomass gas, air injected for Btu stabilization, and manufactured gas commingled and distributed with natural gas.

**Synthetic Natural Gas (SNG):** A manufactured product chemically similar in most respects to natural gas, resulting from the conversion or reforming of petroleum hydrocarbons or from coal gasification. It may easily be substituted for or interchanged with pipeline quality natural gas.

**Therm:** One hundred thousand British thermal units.

**Underground Storage:** The storage of natural gas in underground reservoirs at a different location from which it was produced.

**Underground Storage Injections:** Gas from extraneous sources put into underground storage reservoirs.

**Underground Storage Withdrawals:** Gas removed from underground storage reservoirs.

**Unit Value, Consumption:** Total price per specified unit, including all taxes, at the point of consumption.

**Unit Value, Wellhead:** The wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and/or similar charges.

**Vented:** Gas released into the air on the base site or at processing plants.